Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

| RD1000 | Overall LMA | Total LMA | | | | | | |
|---------------------------------------|------------------------|---------------------|----------------|------------------|---------|---------|------------------------------|---------|
| Reclamation District No. 1000 Natomas | Rating | Miles | | | | | | |
| | Α | 41.84 | | | | | | |
| 5 . 16 | | Maintena | nce Deficiancy | | Enford | cement | Design 8 Obsole | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | |
| Earthen Levee | | | | | | | | |
| Vegetation | | | | | 6.07 | 0.77 | | |
| Trim / Thin Trees | 0.79 | | 0.79 | 1.89% | | | | |
| Encroachments | | | | | 8.07 | 0.31 | | |
| Slope Stability | 0.01 | | 0.01 | 0.02% | | | | |
| Supplemental Supplemental | 0.40 | | 0.40 | 0.040/ | | I | | |
| 2015 USACE Erosion Survey, DRAFT | 0.13 | | 0.13 | 0.31% | 0.47 | | | |
| DWR UCIP Field Study | 0.00 | 0.00 | 0.00 | 0.000/ | 0.17 | 4.00 | 0.00 | 0.00 |
| LMA Totals: | 0.93 | 0.00 | 0.93 | 2.22% | 14.31 | 1.08 | 0.00 | 0.00 |
| Unit No. 01 Sacramento River LB | Overall Unit | Total Unit | | | | | | |
| | Rating | Miles | | | | | | |
| RD1000 | Α | 18.28 | | | | | | |
| Rated Item | | Maintena | nce Deficiancy | | Enford | cement | Design 8 Obsole | |
| Rateu item | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| Earthen Levee | l | | T | | | ı | | |
| Vegetation | | | | | 5.95 | 0.77 | | |
| Trim / Thin Trees | 0.02 | | 0.02 | 0.11% | | | | |
| Encroachments | | | | | 4.72 | 0.31 | | |
| Supplemental | 0.42 | | 0.42 | 0.740/ | | | | |
| 2015 USACE Erosion Survey, DRAFT | 0.13 | | 0.13 | 0.71% | 0.05 | | | |
| DWR UCIP Field Study | 0.45 | 0.00 | 0.45 | 0.000/ | 0.05 | 4.00 | 0.00 | 2.00 |
| Unit Totals: | 0.15 | 0.00 | 0.15 | 0.82% | 10.72 | 1.08 | 0.00 | 0.00 |
| Unit No. 02 American River RB | Overall Unit | Total Unit | | | | | | |
| | Rating | Miles | | | | | | |
| RD1000 | U | 2.32 | | | | | | |
| 5 . 11 | | Maintena | nce Deficiancy | | Enforc | cement | Design & System Obsolescence | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | | U Miles |
| Earthen Levee | | | | | | | | |
| Trim / Thin Trees | 0.77 | | 0.77 | 33.16% | | | | |
| Encroachments | | | | | 1.76 | | | |
| Unit Totals: | 0.77 | 0.00 | 0.77 | 33.16% | 1.76 | 0.00 | 0.00 | 0.00 |
| Unit No. 03 Natomas East Canal RB | Overall Unit Rating | Total Unit Miles | | | | | | |
| RD1000 | A | 16.93 | | | | | | |
| | | | nce Deficiancy | | Enforc | cement | Design 8 | |
| Rated Item | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | | Obsole M Miles | |
| Earthen Levee | | 350 | | 11.7.00.1.0.0 70 | | 330 | | 230 |
| Vegetation | | | | | 0.12 | | | |
| Encroachments | | | | | 1.59 | | | |
| Slope Stability | 0.01 | | 0.01 | 0.06% | | | | |
| Unit Totals: | 0.01 | 0.00 | 0.01 | 0.06% | 1.71 | 0.00 | 0.00 | 0.00 |
| | _ | | 1 | | | | | |

Fall 2016 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

| Unit No. 04 Natomas Cross Canal LB | Overall Unit Rating | Total Unit Miles | | | | | | |
|------------------------------------|------------------------|---------------------|--------------|-------------|--|---------|---------|---------|
| RD1000 | A | 4.30 | | | | | | |
| Rated Item | Maintenance Deficiancy | | | | Enforcement Design & Syster Obsolescence | | | |
| Rateu item | M Miles | U Miles | M + 4U Miles | Threshold % | M Miles | U Miles | M Miles | U Miles |
| Supplemental | | | | | | | | |
| DWR UCIP Field Study | | | | | 0.12 | | | |
| Unit Totals: | 0.00 | 0.00 | 0.00 | 0.00% | 0.12 | 0.00 | 0.00 | 0.00 |

LMA District Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 1000 Natomas

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|--|---|------------------------------|---|---------------------------------|
| † Overall LMA Rating (Fall Only) | | | A | |
| | ** Non-receipt of Summ Reports may effect or | | | |
| † SPRING INSPECTIONS: Overall maintenance deficiencies are rated | ratings are not determ d using the same criter | | | ual maintenance |
| FALL INSPECTIONS: The overall maintena within the attached u | | | ion and maintenance de nded to be an indiction o | |
| Comments | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles |
|------------------------------|------|------------|
| Unit No. 01 Sacramento River | Left | 18.28 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|-------------------------------------|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | Α | |
| Date of Inspection | 4/6/2016 - 4/6/2016 | | 9/13/2016 - 9/14/2016 | |
| DWR Inspector | Sterling York | | Sterling York | |
| Accompanied By | Don Caldwell RD1000 | | Don Caldwell RD1000 | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | | Rating ** | Α | Issue No. | | 18 | |
|-----------------------------------|----------------------------------|--------------|----------|---------------|--------|---------------|---|
| LM End | | Issue Type + | Ма | Location * | | WS | |
| Category Earthen Levee GPS Latitu | | | | | | ude/Longitude | |
| Category | | | | Start | | End | |
| Item | Operations & Maintenance | | | | | | 0 |
| пеш | Manuals | 0 | | | | | 0 |
| DWR ID | DWR ID DWR_RD1000_01_f _ 2014_18 | | | | | | |
| | | Comn | nent Cod | de | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| RD 1000 h | nas a copy | of the O&M n | nanuals | at their dist | rict c | ffice. | |
| | | | | | | | |

No Photos

| LM Start | | Rating ** | Α | Issue No. | | 24 | |
|----------|-----------|----------------|----------|------------|--------|--------------|---|
| LM End | | Issue Type + | Ма | Location * | | WS | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | |
| Category | | | | Start | | End | |
| Item | | y Supplies & | | | 0 | | 0 |
| item | Equipmen | it | | | 0 | | 0 |
| DWR ID | DWR_RD1 | 000_01_f _ 201 | 4_24 | | | | |
| | | Comn | nent Cod | de | | | |
| | | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |

RD 1000 has flood fight supplies on hand at their equipment yard

No Photos

| LM Start | | Rating ** | Α | Issue No. | | 39 | |
|----------|------------------------|----------------------|----------|------------------------|-----|----|---|
| LM End | | Issue Type + | Ма | Location * | | WS | |
| Catagory | Category Earthen Levee | | | GPS Latitude/Longitude | | | |
| Calegory | | | Start | | End | | |
| Item | Flood Pre | paredness & Training | | | 0 | | 0 |
| item | | | | | 0 | | 0 |
| DWR ID | DWR_RD1 | 000_01_f _ 201 | 4_39 | | | | |
| | | Comn | nent Cod | le | | | |
| | | | | | | | |
| | | | | | | | |

No Photos

RD 1000 employees attend the DWR flood fight class held at CalExpo annually.

Inspector Comment

* Location LS : Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

located near Unit 4.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 137 | |
|----------|----------------------|------------------------|----|------------|-----|---------------|--|
| LM End | 0.00 | Issue Type + | En | Location * | | WS | |
| Category | ental | GPS Latitude/Longitude | | | | | |
| Category | Category | | | | | End | |
| Item | DWR UCIP Field Study | | | 38.7780 | 10° | 38.778010° | |
| пеш | | | | -121.6007 | 66° | -121.600766 ° | |
| DWR ID | | | | | | | |
| | Comment Code | | | | | | |

Inspector Comment

FS_ID:46974 DS_ID:25354 EP_NO: 16310

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 5 of 5. [Sankey Diversion Pumping Plant] 48-

inch

FS Date: 12/10/2015

| | 1 | | au La |
|-----|------------|----|-------|
| | | 14 | |
| No. | | | |
| | * - | | |
| | | | |
| | | | |

Photo 1 of 2: UCIP_FA_2016_46974_74887.jpg

Overview of levee crown near Sankey Pumping Station.

Rating ** Issue No. LM Start 0.00 Μ 137 (cont) LM End 0.00 Issue Type + En Location * WS

Photo 2 of 2: UCIP_FA_2016_46974_74888.jpg



View of levee crown looking downstream.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 138 | | |
|----------|----------|---------------|----------|------------|------------------------|---------------|--|-----|
| LM End | 0.00 | Issue Type + | En | Location * | | WS | | |
| Category | Suppleme | pplemental | | | GPS Latitude/Longitude | | | |
| Calegory | У | | alegory | | | Start | | End |
| Item | DWR UCI | P Field Study | | 38.77805 | 2° | 38.778052° | | |
| пеш | | | | -121.60080 | 5° | -121.600805 ° | | |
| DWR ID | | | | | | | | |
| | | Comn | nent Coo | de | | | | |

Inspector Comment

FS_ID:46970 DS_ID:25426 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: Need additional as-builts for pump station.

FIELD_STRUCT_DESC: 1 of 5. [Sankey Diversion Pumping Plant] 48-

inch

FS Date: 12/10/2015

| LM Start | 0.00 | Rating ** | М | Issue No. | 138 (cont) |
|----------|------|--------------|----|------------|------------|
| LM End | 0.00 | Issue Type + | En | Location * | WS |

Photo 1 of 2: UCIP_FA_2016_46970_74867.jpg



Overview of levee crown near crossing.

Photo 2 of 2: UCIP_FA_2016_46970_74868.jpg



View of levee crown looking downstream.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | M | Issue No. | | 139 | |
|----------|--------------|---------------|------------------------|------------|------|---------------|--|
| LM End | 0.00 | Issue Type + | En | Location * | | WS | |
| Category | | | GPS Latitude/Longitude | | | | |
| Calegory | Salegory | | | Start | | End | |
| Item | DWR UCI | P Field Study | | 38.77805 | 2° | 38.778052° | |
| пеш | | | | -121.60080 |)5 ° | -121.600805 ° | |
| DWR ID | | | | | | | |
| | Comment Code | | | | | | |

Inspector Comment

FS_ID:46971 DS_ID:25427 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 2 of 5. [Sankey Diversion Pumping Plant] 48-

| FS | | 2/10/2015 | | | | |
|----|----------|-----------|--------------|----|------------|------------|
| ı | LM Start | 0.00 | Rating ** | М | Issue No. | 139 (cont) |
| | LM End | 0.00 | Issue Type + | En | Location * | WS |

Photo 1 of 2: UCIP_FA_2016_46971_74872.jpg



Overview of levee near Sankey Pumping Station.

Photo 2 of 2: UCIP_FA_2016_46971_74873.jpg



View of levee crown looking downstream.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 140 |
|----------|----------|---------------|----------|------------------------|-----|--------------|
| LM End | 0.00 | Issue Type + | En | Location * | | WS |
| Category | Suppleme | lemental | | GPS Latitude/Longitude | | |
| Calegory | | | | Start | | End |
| Item | DWR UCI | P Field Study | | 38.77803 | 38° | 38.778038° |
| пеш | | | | -121.60079 | 90° | -121.600790° |
| DWR ID | | | | | | |
| | | Comn | nent Cod | de | | |

Inspector Comment

FS_ID:46972 DS_ID:25428 EP_NO: N/A

LM End

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

0.00

Issue Type +

| inch | _ | • | Sankey [| Diversion Pur | mping Plant] 48- | | | | |
|---------------------|------|-----------|----------|---------------|------------------|--|--|--|--|
| FS Date: 12/10/2015 | | | | | | | | | |
| LM Start | 0.00 | Rating ** | М | Issue No. | 140 (cont) | | | | |

Location *

WS

Photo 1 of 2: UCIP_FA_2016_46972_74877.jpg



Overview of levee crown near Sankey Diversion Pumping Plant.

Photo 2 of 2: UCIP_FA_2016_46972_74878.jpg



View of levee crown.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 141 |
|----------|----------|------------------------------------|----------|------------|-----|--------------|
| LM End | 0.00 | Issue Type + | En | Location * | | WS |
| Category | Suppleme | upplemental GPS Latitude/Longitude | | | | e/Longitude |
| Calegory | | | | Start | | End |
| Item | DWR UCI | P Field Study | | 38.77802 | 22° | 38.778022° |
| пеш | | | | -121.60077 | 7° | -121.600777° |
| DWR ID | | | | | | · |
| | | Comn | nent Cod | le | | |

Inspector Comment

FS_ID:46973 DS_ID:25429 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 4 of 5. [Sankey Diversion Pumping Plant] 48-

inch

FS Date: 12/10/2015

| | , | Succession of the |
|--------------|---|-------------------|
| | | No. |
| | | |
| The state of | | |
| | | |
| | | |
| | | |

Photo 1 of 2: UCIP_FA_2016_46973_74882.jpg

Overview of levee crown near Sankey Pumping Station.

Photo 2 of 2: UCIP_FA_2016_46973_74883.jpg



View of levee crown.

| LM Start | 0.00 | Rating ** | М | Issue No. | 141 (cont) |
|----------|------|--------------|----|------------|------------|
| LM End | 0.00 | Issue Type + | En | Location * | WS |

CR : Crown

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | Α | Issue No. | | 88 | |
|----------------------------------|-----------|--------------|-------|------------------------|------|---------------|--|
| LM End | 12.30 | Issue Type + | Ма | Location * | LS | | |
| Category Earthen Levee | | | | GPS Latitude/Longitude | | | |
| Calegory | | | Start | | End | | |
| Item | Vegetatio | n | | 38.7805 | 02 ° | 38.649896 ° | |
| пеш | | | | -121.6034 | 37° | -121.571261 ° | |
| DWR ID DWR_RD1000_01_f _ 2016_88 | | | | | | | |

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements

Inspector Comment

The Levee has no unwanted vegetation blocking visibility or access. The annual grasses are mowed making the slopes visible and accessible.

Photo 1 of 1: FA_2016_RD1000_31_88_20160919_00051.jpg



View looking upstream landside of maintained annual grasses.

| LM Start | 0.00 | Rating ** | Α | Issue No. | | 77 |
|----------|-----------|------------------------|------|------------|------|--------------|
| LM End | 12.30 | Issue Type + | Ma | Location * | WS | |
| Category | evee | GPS Latitude/Longitude | | | | |
| Calegory | | | | Start | | End |
| Item | Vegetatio | n | | 38.7805 | 02 ° | 38.649896° |
| пеш | | | | -121.6034 | 37° | -121.571262° |
| DWR ID | DWR RD1 | 000 01 f 201 | 6 77 | | | |

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

The Levee has no unwanted vegetation blocking visibility or access. The annual grasses are mowed making the slopes visible and accessible.

Photo 1 of 1: FA_2016_RD1000_31_77_20160919_00050.jpg



View looking upstream waterside of maintained annual grasses.

| LM Start | 0.48 | Rating ** | М | Issue No. | 3 | | | |
|--------------|---------------------------------|---------------|------------------------|------------|------|---------------|--|--|
| LM End | 0.61 | Issue Type + | Ma | Location * | WS | | | |
| Category | Suppleme | ental | GPS Latitude/Longitude | | | | | |
| Calegory | | | Start | | End | | | |
| Item | | ACE Erosion S | Survey, | 38.7745 | 07° | 38.772921 ° | | |
| item | DRAFT | | | -121.5988 | 65 ° | -121.597788 ° | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2016_3 | | | | | | | |
| Comment Code | | | | | | | | |

Inspector Comment

1997 - Very cohesive toe. 2005 - Site was staked and rock was stockpiled along the top of the bank. 2010 - New adjacent levee under construction. 2011 - New animal burrow. 2015: No observed changes. [2015 Site ID: SAC_78-3_L]



USACE 2013 Photo #1

| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| 1.63 | Rating ** | М | Issue No. | | 136 | | | |
|-----------------------------------|----------------------------------|--|---|--|---|--|--|--|
| 1.63 | Issue Type + | En | Location * | | WS | | | |
| Category Earthen Levee | | | | | e/Longitude | | | |
| | | Start | | End | | | | |
| Encroachments ltem | | | | 20° | 38.759320° | | | |
| | | | -121.591343° | | 3° -121.591343° | | | |
| DWR ID DWR_RD1000_01_s _ 2012_136 | | | | | | | | |
| Comment Code | | | | | | | | |
|) | | | | | | | | |
| | | | | | | | | |
| | Inspecto | or Comn | nent | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 1.63 Earthen L Encroachi DWR_RD1 | 1.63 Issue Type + Earthen Levee Encroachments DWR_RD1000_01_s _ 201 Comn | 1.63 Issue Type + En Earthen Levee Encroachments DWR_RD1000_01_s _ 2012_136 Comment Cod | 1.63 Issue Type + En Location * Earthen Levee GPS Li Start Encroachments 38.7593 -121.5913 DWR_RD1000_01_s _ 2012_136 Comment Code | 1.63 Issue Type + En Location * Earthen Levee GPS Latitud Start Encroachments 38.759320 ° -121.591343 ° DWR_RD1000_01_s _ 2012_136 Comment Code | | | |

Photo 1 of 1: FA_2016_RD1000_31_136_20160919_00053.jpg



View of an encroachment, 'Fence'. Fall 2016.

| LM Start | 1.72 | Rating ** | М | Issue No. | | 135 | | | | |
|------------|-----------------------------------|--------------|----------|------------|--------------|--------------|--|--|--|--|
| LM End | 1.75 | Issue Type + | En | Location * | WS | | | | | |
| Category | Earthen L | evee | GPS La | atitud | le/Longitude | | | | | |
| Category | | | | Start | | End | | | | |
| Item | Vegetatio | า | | 38.7579 | 62° | 38.757480° | | | | |
| пеш | | | | -121.5913 | 42° | -121.591147° | | | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_135 | | | | | | | | | |
| | | Comn | nent Cod | de | | | | | | |
| V6 : Lands | caping | | | | | | | | | |
| | | | | | | | | | | |
| | Inspector Comment | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

No Photos

| LM Start | 1.75 | Rating ** | M | Issue No. | 134 | | | | |
|------------|-----------------------------------|--------------|----------|------------|--------------|------------------|---|--|--|
| LM End | 1.77 | Issue Type + | En | Location * | WS | | | | |
| Category | evee | | GPS La | atitud | le/Longitude | | | | |
| Calegory | | | | Start | | End | | | |
| Item | Vegetatio | n | | 38.7574 | 78° | 38.757238 | 0 | | |
| пеш | | | | -121.5911 | 40° | 40° -121.591272° | | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_134 | | | | | | | | |
| | | Comn | nent Cod | de | | | | | |
| V6 : Lands | scaping | | | | | | | | |
| | | | _ | | | | | | |
| | | Inspecto | or Comm | nent | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| 1110 | 4.07 | Rating ** | М | Issue No. | | 400 | |
|-----------------------------------|-----------|--------------|-----------|------------|--------------|------------|--|
| LM Start | 1.87 | Railing | IVI | issue ivo. | | 133 | |
| LM End | 1.89 | Issue Type + | En | Location * | WS | | |
| Category Earthen Levee | | | GPS La | atitud | e/Longitude | | |
| Odlogory | | | | Start | | End | |
| Item | Vegetatio | n | | 38.7558 | 24° | 38.755585° | |
| item | | | -121.5915 | 69° | -121.591530° | | |
| DWR ID DWR_RD1000_01_s _ 2012_133 | | | | | | | |
| Comment Code | | | | | | | |
| V6 : Lands | caping | | | | | | |
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| | | Inspecto | or Comm | nent | | | |
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Typical Garden Hwy 'Landscaping'. Fall 2016.

| LM Start | 1.94 | Rating ** | М | Issue No. | | 132 |
|-------------------|-----------------|----------------|----------|--------------|--------------|--------------|
| LM End | 1.96 | Issue Type + | En | Location * | | WS |
| Earthen Levee | | | GPS La | atitud | le/Longitude | |
| Category | ategory | | | Start | | End |
| Item | ltem Vegetation | | | 38.7548 | 48° | 38.754562 ° |
| item | | | | -121.591742° | | -121.591795° |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_132 | | | |
| | | Comn | nent Cod | le | | |
| V6 : Landscaping | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |

No Photos

| LM Start | 2.00 | Rating ** | М | Issue No. | | 129 | | |
|-----------------------------------|--------------|--------------|---------|------------|--------------|--------------|--|--|
| | | | | | | | | |
| LM End | 2.01 | Issue Type + | En | Location * | WS | | | |
| Category Earthen Levee | | | GPS La | atitud | le/Longitude | | | |
| Category | | | | Start | | End | | |
| Vegetation ltem | | | | 38.7539 | 83° | 38.753848° | | |
| item | | | | -121.5917 | 37° | -121.591797° | | |
| DWR ID DWR_RD1000_01_s _ 2012_129 | | | | | | | | |
| | Comment Code | | | | | | | |
| V6 : Lands | scaping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En: Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 2.10 | Rating ** | М | Issue No. | | 122 | |
|-----------------------------------|-----------|--------------|----------|--------------|--------------|------------|--|
| LM End | 2.16 | Issue Type + | En | Location * | | WS | |
| Earthen Levee | | | GPS La | atitud | le/Longitude | | |
| Category | | | | Start | | End | |
| Item | Vegetatio | n | | 38.7525 | 40° | 38.751822° | |
| пеш | | -121.5925 | 63° | -121.592857° | | | |
| DWR ID DWR_RD1000_01_s _ 2012_122 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | caping | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
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No Photos

Rating ** Issue No. LM Start 2.52 Μ 121 Issue Type + En Location * WS LM End 2.67 Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.747087° 38.745127 -121.595582 ° -121.596793 ° DWR ID DWR_RD1000_01_s _ 2012_121 Comment Code V6: Landscaping Inspector Comment

No Photos

| LM Start | 5.17 | Rating ** | М | Issue No. | | 120 | |
|-----------------------------------|-----------|--------------|------------------------|------------|-----|--------------|--|
| LM End | 5.21 | Issue Type + | En | Location * | | WS | |
| Category Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Category | | | | Start | | End | |
| Item | Vegetatio | า | | 38.7112 | 48° | 38.710806° | |
| пеш | | | | -121.6105 | 00° | -121.611110° | |
| DWR ID DWR_RD1000_01_s _ 2012_120 | | | | | | | |
| | | Comm | nent Coc | de | | | |
| V6 : Lands | caping | | | | | | |
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| | | Inspecto | or Comm | nent | | | |
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Typical vegetation along the waterside in front of residences. Fall 2016.

** Rating
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
N: Not Inspected/Rated
C: Corrected
N: Not Inspected/Rated
C: Corrected
N: Not Inspected/Rated
C: Corrected
N: Minimally Acceptable
C: Corrected
N: Minimally Acceptable
N: Not Inspected/Rated
C: Corrected
N: Monitor & Maintain
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 5.24 | Rating ** | М | Issue No. | | 119 | | |
|-----------------------------------|------------|--------------|----------|------------|-------------|--------------|--|--|
| LM End | 5.28 | Issue Type + | En | Location * | | WS | | |
| Earthen Levee | | | GPS La | atitud | e/Longitude | | | |
| Category | | | | Start | | End | | |
| Item | Vegetation | | | 38.7105 | 08° | 38.710132° | | |
| item | | | | -121.6114 | 50° | -121.611882° | | |
| DWR ID DWR_RD1000_01_s _ 2012_119 | | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| Inspector Comment | | | | | | | | |
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No Photos

| LM Start | 5.62 | Rating ** | U | Issue No. | | 118 |
|----------|-----------|----------------|-------|------------|-------|---------------|
| LM End | 5.65 | Issue Type + | En | Location * | | WS |
| Category | Earthen L | evee | | GPS La | titud | le/Longitude |
| Calegory | y | | | Start | | End |
| Item | Vegetatio | Vegetation | | | 56° | 38.706082° |
| item | | | | -121.6162 | 23 ° | -121.616385 ° |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_118 | | | |

V6: Landscaping

Inspector Comment

Comment Code

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is needed.

Photo 1 of 1: FA_2016_RD1000_31_118_20160919_00056.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2016.

| LM Start | 5.97 | Rating ** | М | Issue No. | | 116 |
|------------------------|------------|----------------|------------------------|------------|------|---------------|
| LM End | 6.00 | Issue Type + | En | Location * | | WS |
| Category Earthen Levee | | | GPS Latitude/Longitude | | | |
| Odlogory | n y | | | Start | | End |
| Item | Vegetation | | | 38.70274 | 42 ° | 38.702467 ° |
| Item | | | | -121.62055 | 57° | -121.620947 ° |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 12_116 | | | |
| Comment Code | | | | | | |
| V6 : Landscaping | | | | | | |
| | | | | | | |

Inspector Comment

No Photos

| Location | | ** Rating |
|-----------------|----------------------|-----------|
| I S · Land Sida | N/A · Not Applicable | Λ · Λ ccc |

WS: Water Side

A : Acceptable
M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 6.12 | Rating ** | М | Issue No. | | 113 | | |
|------------|-----------|----------------|-----------|------------|--------------|-------------|--|--|
| LM End | 6.17 | Issue Type + | En | Location * | | WS | | |
| Cotogony | Earthen L | evee | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.7014 | 22° | 38.700987 ° | | |
| item | | | -121.6227 | 55 ° | -121.623564° | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_113 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | scaping | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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No Photos

| LM Start | 6.28 | Rating ** | U | Issue No. | 111 | | |
|-----------------------------------|-----------|--------------|----|------------|-------|---------------|--|
| LM End | 6.32 | Issue Type + | En | Location * | WS | | |
| Category Earthen Levee | | | | GPS La | tituc | le/Longitude | |
| | | | | Start | | End | |
| Item | Vegetatio | n | | 38.69987 | 77° | 38.699575° | |
| item | | | | -121.62494 | 18° | -121.625475 ° | |
| DWR ID DWR_RD1000_01_s _ 2012_111 | | | | | | | |
| Comment Code | | | | | | | |

V6 : Landscaping

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is needed.

Photo 1 of 1 : FA_2016_RD1000_31_111_20160919_00057.jpg

This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2016.

09/13/2016

| | | | | | | | _ | | |
|------------|----------------------------------|--------------|-----------|------------|-------------|--------------|---|--|--|
| LM Start | 6.36 | Rating ** | М | Issue No. | | 68 | | | |
| LM End | 6.40 | Issue Type + | En | Location * | | WS | | | |
| Category | Earthen L | evee | | GPS L | atitud | le/Longitude | | | |
| Category | | | | Start | | End | | | |
| Item | Vegetatio | n | | 38.6993 | 813° | 38.698978 | 5 | | |
| item | | | -121.6262 | 281 ° | -121.626777 | 5 | | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2015_68 | | | | | | | | |
| | | Comn | nent Cod | de | | | | | |
| V6 : Lands | caping | | | | | | | | |
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| | | Inspecto | or Comm | nent | | | | | |
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| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 6.49 | Rating ** | М | Issue No. | | 125 | | |
|-----------------------------------|-----------|--------------|----------|------------|--------|--------------|--|--|
| LM End | 6.49 | Issue Type + | En | Location * | | WS | | |
| Cotogony | Earthen L | evee | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.7586 | 607° | 38.758607° | | |
| пеш | | | | -121.6019 | 33° | -121.601933° | | |
| DWR ID DWR_RD1000_01_s _ 2012_125 | | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | scaping | | | | | | | |
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| | | Inspecto | or Comm | nent | | | | |
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No Photos

Rating ** Issue No. 109 6.50 Μ LM Start 6.53 Issue Type + En Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.697958° 38.697773° Item -121.628273 ° -121.628682 DWR ID DWR_RD1000_01_s _ 2012_109 Comment Code V6: Landscaping

Inspector Comment

No Photos

LM Start 6.56 Rating ** Issue No. 108 Issue Type + Location * WS 6.62 En LM End Earthen Levee GPS Latitude/Longitude Category Encroachments 38.697386° 38.696618° Item -121.628892 ° -121.629425 ° DWR ID DWR_RD1000_01_s _ 2012 108 Comment Code FE: Fence Inspector Comment

Photo 1 of 1 : FA_2016_RD1000_31_108_20160919_00058.jpg

View of an encroachment fence. Fall 2016.

* Location

LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
C: Corrected
C: Corrected
C: Corrected
U: Unacceptable
AW: Acceptable but Monitor & Maintain

** Issue Type
Ma: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 6.67 | Rating ** | М | Issue No. | | 107 | | | |
|-----------------------------------|-----------|--------------|----------|------------|--------|--------------|--|--|--|
| LM End | 6.68 | Issue Type + | En | Location * | | WS | | | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | | | |
| Calegory | | | | Start | | End | | | |
| Item | Vegetatio | n | | 38.6960 |)10° | 38.695821 ° | | | |
| item | | | | -121.6300 | 07° | -121.630142° | | | |
| DWR ID DWR_RD1000_01_s _ 2012_107 | | | | | | | | | |
| | | Comn | nent Cod | de | | | | | |
| V6 : Lands | caping | | | | | | | | |
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| | | Inspecto | or Comm | nent | | | | | |
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No Photos

Rating ** Issue No. 106 LM Start 6.79 М LM End 6.81 Issue Type + Location * WS Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.694348° 38.694187° Item -121.631007° -121.631200° DWR ID DWR_RD1000_01_s _ 2012_106 Comment Code V6: Landscaping Inspector Comment

No Photos

Rating ** Issue No. 105 LM Start 6.81 Issue Type + Location * WS 6.83 En LM End GPS Latitude/Longitude Earthen Levee Category Start End Vegetation 38.694192° 38.693932° Item -121.631470 ° -121.631203 ° DWR_RD1000_01_s _ 2012_105 DWR ID Comment Code V6: Landscaping Inspector Comment

No Photos

Page 14 of 47

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable M: Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 6.83 | Rating ** | М | Issue No. | | 104 | | |
|-----------------------------------|-----------|--------------|---------|------------|--------|--------------|--|--|
| LM End | 6.87 | Issue Type + | En | Location * | | WS | | |
| Catagory | Earthen L | evee | | GPS L | atitud | e/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6939 | 935° | 38.693412° | | |
| item | | | | -121.6314 | 178° | -121.631765° | | |
| DWR ID DWR_RD1000_01_s _ 2012_104 | | | | | | | | |
| Comment Code | | | | | | | | |
| V6 : Lands | caping | | | | | | | |
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| | | Inspecto | or Comm | nent | | | | |
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No Photos

Rating ** Issue No. LM Start 6.90 Μ 102 6.98 Issue Type + En Location * WS LM End GPS Latitude/Longitude Earthen Levee Category Start End Vegetation 38.693037° 38.691872° -121.632097 ° -121.632490 ° DWR ID DWR_RD1000_01_s _ 2012_102 Comment Code V6: Landscaping Inspector Comment

No Photos

| LM Start | 7.02 | Rating ** | М | Issue No. | | 100 | | |
|------------|-------------------|----------------|----------|---------------|------------|---------------|--|--|
| LM End | 7.09 | Issue Type + | En | Location * | | WS | | |
| Category | Earthen L | evee | | GPS L | atitud | e/Longitude | | |
| Calegory | | | | Start | | End | | |
| Vegetation | | | 38.6913 | 863° | 38.690367° | | | |
| item | | | | -121.632652 ° | | -121.632797 ° | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_100 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6: Lands | caping | | | | | | | |
| | | | | | | | | |
| | Inspector Comment | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS : Water Side | | C : Corrected | |
| CR : Crown | M : Minimally Acceptable | A/W : Acceptable but Monitor & Maintain | Ob : Design & System Obsolescence |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 7.19 | Rating ** | U | Issue No. | | 63 | |
|---|-----------|--------------|----------|---------------|--------|---------------|--|
| LM End | 7.23 | Issue Type + | En | Location * | WS | | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Vegetatio | Vegetation | | | 37° | 38.688281 ° | |
| пеш | | | | -121.632646 ° | | -121.632542 ° | |
| DWR ID DWR_RD1000_01_s _ 2015_63 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | caping | | | | | | |
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| | | Inspecto | or Comm | nent | | | |
| The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is needed. | | | | | | | |

Photo 1 of 1: FA_2016_RD1000_31_63_20160919_00059.jpg



This photo was taken facing the waterside of the levee looking downstream of typical vegetation in front of residence. Fall 2016.

| LM Start | 7.27 | Rating ** | М | Issue No. | | 98 | |
|----------------------------------|-----------|--------------|---------------|------------|--------------|-------------|--|
| LM End | 7.27 | Issue Type + | En | Location * | | WS | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Category | | | | Start | | End | |
| Item | Vegetatio | n | | 38.6878 | 08° | 38.687808° | |
| item | | | -121.632495 ° | | -121.632495° | | |
| DWR ID DWR_RD1000_01_s _ 2012_98 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | scaping | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
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No Photos

| LM Start | 7.30 | Rating ** | M | Issue No. | | 96 | | |
|------------|----------------------------------|--------------|----------|---------------|--------|---------------|--|--|
| LM End | 7.34 | Issue Type + | En | Location * | WS | | | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6873 | 47° | 38.686780° | | |
| пеш | | | | -121.632433 ° | | -121.632138 ° | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_96 | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 7.41 | Rating ** | М | Issue No. | | 1 | |
|---------------------------------|-----------|--------------|---------|---------------|--------|--------------|--|
| LM End | 7.41 | Issue Type + | En | Location * | | WS | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Vegetatio | n | | 38.6858 | 43° | 38.685843° | |
| пеш | | | | -121.632012 ° | | -121.632012° | |
| DWR ID DWR_RD1000_01_s _ 2012_1 | | | | | | | |
| Comment Code | | | | | | | |
| V6 : Lands | caping | | | | | | |
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| | | Inspecto | or Comm | nent | | | |
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No Photos

| - | | | | | | | | |
|------------|----------------------------------|--------------|----------|------------|--------|--------------|--|--|
| LM Start | 7.56 | Rating ** | М | Issue No. | | 95 | | |
| LM End | 7.62 | Issue Type + | En | Location * | | WS | | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | | |
| Calegory | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6836 | 20° | 38.682742° | | |
| пеш | tem | | | | 80° | -121.631190° | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_95 | | | | | | | |
| | | Comn | nent Coc | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | Inspector Comment | | | | | | | |
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No Photos

| LM Start | 7.62 | Rating ** | M | Issue No. | | 94 | |
|----------------------------------|-----------|---------------|----------|-----------------|--------|--------------|---|
| LM End | 7.65 | Issue Type + | En | Location * | | WS | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Vegetatio | n | | 38.6827 | '42 ° | 38.682310 | 0 |
| item | | -121.631168 ° | | 68° -121.631085 | | | |
| DWR ID DWR_RD1000_01_s _ 2012_94 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | caping | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
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| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En: Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 7.71 | Rating ** | М | Issue No. | | 93 | |
|----------------------------------|-----------|--------------|---------|------------------------|------------|--------------|--|
| LM End | 7.76 | Issue Type + | En | Location * | | WS | |
| Earthen Levee | | | | GPS Latitude/Longitude | | | |
| Category | | | Start | | End | | |
| Item | Vegetatio | | 38.6815 | 92° | 38.680837° | | |
| пеш | | | | -121.630768 ° | | -121.630530° | |
| DWR ID DWR_RD1000_01_s _ 2012_93 | | | | | | | |
| Comment Code | | | | | | | |
| V6 : Lands | caping | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
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No Photos

Rating ** Issue No. LM Start 7.91 Μ 92 LM End 8.01 Issue Type + En Location * WS Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.678859° 38.677672° -121.629345 ° -121.628432 ° DWR ID DWR_RD1000_01_s _ 2012_92 Comment Code V6: Landscaping Inspector Comment

No Photos

| LM Start | 8.07 | Rating ** | М | Issue No. | | 91 | | |
|------------|----------------------------------|--------------|----------|------------|--------|--------------|---|--|
| LM End | 8.08 | Issue Type + | En | Location * | | WS | | |
| Category | Earthen L | evee | | GPS L | atitud | le/Longitude | | |
| Calegory | legory | | | Start | | End | | |
| Item | Vegetation | | | 38.676893° | | 38.676747 | 0 | |
| Item | | | | | 860° | -121.627725 | 0 | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_91 | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | _ | | | | | |
| | Inspector Comment | | | | | | | |
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| | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR · Crown | U : Unacceptable | A/W · Acceptable but Monitor & Maintain | En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 8.11 | Rating ** | U | Issue No. | | 90 | |
|--|------------|--------------|----|------------------------|-----|---------------|--|
| LM End | 8.14 | Issue Type + | En | Location * | WS | | |
| Category Earthen Levee | | | | GPS Latitude/Longitude | | | |
| Category | | | | Start | | End | |
| Item | Vegetation | | | 38.676425° | | 38.676038° | |
| пеш | 3111 | | | | 62° | -121.627063 ° | |
| DWR ID DWR_RD1000_01_s _ 2012_90 | | | | | | | |
| Comment Code | | | | | | | |
| V6 : Lands | caping | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
| The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed. | | | | | | | |
| and will make it difficult to access if a flood fight is ever fleeded. | | | | | | | |

Photo 1 of 1 : FA_2016_RD1000_31_90_20160919_00060.jpg



This photo was taken from the crown facing downstream looking downstream. Landowner maintained vegetation completely block visibility of or access to the levee. Fall 2016.

| LM Start | 8.14 | Rating ** | М | Issue No. | | 89 | |
|----------------------------------|------------|--------------|----|---------------|--------|---------------|--|
| LM End | 8.17 | Issue Type + | En | Location * | | WS | |
| Earthen Levee | | | | GPS La | atitud | e/Longitude | |
| Calegory | Category | | | Start | | End | |
| Item | Vegetation | | | 38.676040° | | 38.675772° | |
| пеш | | | | -121.627063 ° | | -121.626785 ° | |
| DWR ID DWR_RD1000_01_s _ 2012_89 | | | | | | | |
| Comment Code | | | | | | | |
| V6 : Landscaping | | | | | | | |
| Inspector Comment | | | | | | | |
| | | | | | | | |
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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 8.24 | Rating ** | М | Issue No. | | 87 | | |
|----------------------------------|--------------|--------------|----|-------------|--------|--------------|--|--|
| LM End | 8.31 | Issue Type + | En | Location * | | WS | | |
| Earthen Levee | | | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Vegetation | | | 38.674866 ° | | 38.674117° | | |
| пеш | | | | -121.6259 | 18° | -121.625143° | | |
| DWR ID DWR_RD1000_01_s _ 2012_87 | | | | | | | | |
| | Comment Code | | | | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| Inspector Comment | | | | | | | | |
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No Photos

| Encroachments 38.673872° 38 | 3 | | | | | | |
|---|--------------|--|--|--|--|--|--|
| Category Earthen Levee GPS Latitude/Long Start I Item Encroachments 38.673872 38 | itude End | | | | | | |
| Category Start I Item Encroachments 38.673872 38 | End | | | | | | |
| Start I | | | | | | | |
| ltem | .647942° | | | | | | |
| -121.624777 ° -121 | | | | | | | |
| | .567605° | | | | | | |
| DWR ID DWR_RD1000_01_f _ 2016_101 | | | | | | | |
| Comment Code | | | | | | | |
| DT : Ditch | | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
| | | | | | | | |
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| | | | | | | | |

Photo 1 of 1: FA_2016_RD1000_31_101_20160919_00067.jpg



View looking upstream at ditch on landside toe.

| LM Start | 8.45 | Rating ** | М | Issue No. | | 86 | | |
|----------------------------------|------------------|--------------|---------------|------------------------|---------------|------------|--|--|
| LM End | 8.47 | Issue Type + | En | Location * | | WS | | |
| Category Earthen Levee | | | | GPS Latitude/Longitude | | | | |
| Category | | | | | | End | | |
| Item | Vegetation | | | 38.672878° | | 38.672603° | | |
| пеш | | | -121.623203 ° | | -121.622892 ° | | | |
| DWR ID DWR_RD1000_01_s _ 2012_86 | | | | | | | | |
| | Comment Code | | | | | | | |
| V6 : Lands | V6 : Landscaping | | | | | | | |
| | | | | | | | | |
| Inspector Comment | | | | | | | | |
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| | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 8.49 | Rating ** | М | Issue No. | | 85 | | | |
|----------------------------------|-----------|------------------------|----------|--------------|--------------|--------------|--|--|--|
| LM End | 8.54 | Issue Type + | En | Location * | ocation * WS | | | | |
| Category | evee | GPS Latitude/Longitude | | | | | | | |
| Calegory | | | Start | | End | | | | |
| Item | Vegetatio | n | | 38.6722 | 263° | 38.671790° | | | |
| пеш | | | | -121.622784° | | -121.622118° | | | |
| DWR ID DWR_RD1000_01_s _ 2012_85 | | | | | | | | | |
| | | Comn | nent Cod | de | | | | | |
| V6 : Lands | caping | | | | | | | | |
| | | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | | |
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No Photos

Rating ** Issue No. LM Start 8.65 Μ 84 8.74 Issue Type + En Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.670647° 38.669790° -121.620632 ° -121.619482 ° DWR ID DWR_RD1000_01_s _ 2012_84 Comment Code V6: Landscaping Inspector Comment

No Photos

| LM Start | 8.83 | Rating ** | М | Issue No. | | 83 | | |
|------------|-----------|----------------|----------|------------------------|-----|-------------|---|--|
| LM End | 8.86 | Issue Type + | En | Location * | | WS | | |
| Category | Earthen L | evee | | GPS Latitude/Longitude | | | | |
| Calegory | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6688 | 98° | 38.668672 | 0 | |
| пеш | | | | -121.618195 ° | | -121.617775 | 0 | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_83 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | scaping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

No Photos

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Asceptable M : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 8.86 | Rating ** | U | Issue No. | 82 | | |
|--|-----------|----------------|------------------------|--------------|-----|--------------|--|
| LM End | 8.89 | Issue Type + | En | Location * | | WS | |
| Category | evee | | GPS Latitude/Longitude | | | | |
| Calegory | | | | Start | | End | |
| Item | Vegetatio | n | | 38.6686 | 73° | 38.668405° | |
| пеш | | | | -121.617772° | | -121.617278° | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_82 | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | caping | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
| The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed. | | | | | | | |
| and will make it difficult to access if a flood fight is ever fleeded. | | | | | | | |

Photo 1 of 1: FA_2016_RD1000_31_82_20160919_00061.jpg



This photo was taken from the crown facing downstream waterside levee slope at unacceptable landscaping. Fall 2016.

| LM Start | 8.90 | Rating ** | М | Issue No. | | 81 | | |
|----------------------------------|-----------------------------|--------------|----------|-------------|------|------------|--|--|
| LM End | 8.96 | Issue Type + | En | Location * | | WS | | |
| Category | evee | GPS La | atitud | e/Longitude | | | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6683 | 812° | 38.667783° | | |
| item | -121.617138 ° -121.616382 ° | | | | | | | |
| DWR ID DWR_RD1000_01_s _ 2012_81 | | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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No Photos

| LM Start | 8.97 | Rating ** | M | Issue No. | | 80 | | |
|------------|----------------------------------|--------------|----------|------------------------|------|-------------|---|--|
| LM End | 8.98 | Issue Type + | En | Location * | WS | | | |
| Category | Earthen L | evee | | GPS Latitude/Longitude | | | | |
| Category | | | | | | End | | |
| Item | Vegetatio | n | | 38.6676 | 72° | 38.667552 | 0 | |
| пеш | | | | -121.6162 | 215° | -121.616018 | 0 | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_80 | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 8.99 | Rating ** | М | Issue No. | | 79 | | |
|----------------------------------|-----------|---------------------|----------|-------------|-----|-------------|--|--|
| LM End | 9.02 | Issue Type + | En | Location * | | WS | | |
| Category | evee | GPS La | atitud | e/Longitude | | | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6675 | 05° | 38.667255 ° | | |
| пеш | | -121.615912° -121.6 | | | | | | |
| DWR ID DWR_RD1000_01_s _ 2012_79 | | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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No Photos

| LM Start | 9.02 | Rating ** | М | Issue No. | | 78 | | |
|--------------|------------------------|----------------|------|------------|------------------------|--------------|--|--|
| LM End | 9.04 | Issue Type + | En | Location * | | WS | | |
| Catagony | Category Earthen Levee | | | | GPS Latitude/Longitude | | | |
| Calegory | | | | Start | | End | | |
| Item | Vegetatio | getation | | | 50° | 38.667028° | | |
| пеш | | | | -121.6155 | 22° | -121.615115° | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_78 | | | | | |
| Comment Code | | | | | | | | |
| V6 : Lands | √6 : Landscaping | | | | | | | |

Inspector Comment

No Photos

| LM Start | 9.06 | Rating ** | М | Issue No. | 2 | | |
|---------------------------------|----------|---------------|----|------------------------|------|--------------|--|
| LM End | 9.08 | Issue Type + | En | Location * | | WS | |
| Category Earthen Levee | | | | GPS Latitude/Longitude | | | |
| Category | | | | Start | | End | |
| Item | Encroach | Encroachments | | | 21 ° | 38.666604° | |
| item | | | | -121.6150 | 19° | -121.614672° | |
| DWR ID DWR_RD1000_01_s _ 2012_2 | | | | | | | |
| Comment Code | | | | | | | |
| FF Fence | 2 | | | | | | |

Inspector Comment

Photo 1 of 1: FA_2016_RD1000_31_2_20160919_00062.jpg

This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable fence. Fall 2016.

* Location + Issue Type A : Acceptable M : Minimally Acceptable N : Not Inspected/Rated C : Corrected Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence LS : Land Side N/A: Not Applicable WS: Water Side A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 10.72 | Rating ** | U | Issue No. | | 74 | |
|------------------------|--------------|----------------|------------------------|------------|-----|--------------|--|
| LM End | 10.76 | Issue Type + | En | Location * | WS | | |
| Category Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Category | | | Start | | End | | |
| Item | Vegetation | | | 38.648127° | | 38.647663° | |
| пеш | | | | -121.5958 | 72° | -121.595483° | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_74 | | | | |
| | Comment Code | | | | | | |
| V6 : Lands | scaping | | | | | | |

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2016.

| LM Start | 10.78 | Rating ** | U | Issue No. | | 73 | | | |
|------------------------|--------------|------------------|------|------------------------|------|---------------|--|--|--|
| LM End | 10.83 | Issue Type + | En | Location * | WS | | | | |
| Category Earthen Levee | | | | GPS Latitude/Longitude | | | | | |
| Category | | | | Start | | End | | | |
| Item | Vegetation | | | | 73° | 38.646825° | | | |
| пеш | | | | -121.5952 | 48 ° | -121.594800 ° | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_73 | | | | | | |
| | Comment Code | | | | | | | | |
| V6 · Lands | caning | V6 · Landscaping | | | | | | | |

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.

Photo 1 of 1: FA_2016_RD1000_31_73_20160919_00064.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 11.06 | Rating ** | М | Issue No. | | 72 | |
|------------|------------------------|----------------|----------|------------|-------|--------------|---|
| LM End | 11.13 | Issue Type + | En | Location * | | WS | |
| Category | Catagori Earthen Levee | | | | | le/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Vegetatio | 38.6445 | 48° | 38.644302 | ۰ | | |
| item | item | | | | '68 ° | -121.590572 | ٥ |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_72 | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | caping | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

No Photos

Rating ** Issue No. LM Start 11.28 U 70 11.33 Issue Type + Location * WS LM End En Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.644392° 38.644702 -121.587852 ° -121.586992 ° DWR ID DWR_RD1000_01_s _ 2012_70

Comment Code

V6 : Landscaping

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.

Photo 1 of 1 : FA_2016_RD1000_31_70_20160919_00065.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2016.

| LM Start | 11.66 | Rating ** | М | Issue No. | | 69 | | |
|------------|-------------------|----------------|----------|--------------------------|-----|-------------|--|--|
| LM End | 11.70 | Issue Type + | En | Location * | | WS | | |
| Category | Earthen L | evee | | GPS Latitude/Longitude | | | | |
| Category | | | | Start | | End | | |
| Item | Vegetation | | | | 92° | 38.647773 ° | | |
| item | | | | -121.581946 ° -121.58142 | | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_69 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | Inspector Comment | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

No Photos

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

CC: Corrected Ob: Design & System Obsolescence

AW: Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 12.12 | Rating ** | М | Issue No. | | 67 | |
|----------------------------------|---------------|--------------|----------|------------------------|------|-----------------|--|
| LM End | 12.23 | Issue Type + | En | Location * | | WS | |
| Cotogony | Earthen Levee | | | GPS Latitude/Longitude | | | |
| Category | | | | Start | | End | |
| Item | Vegetation | | | 38.6504 | 19° | 38.650198° | |
| пеш | item | | | | 41 ° | ° -121.572531 ° | |
| DWR ID DWR_RD1000_01_s _ 2012_67 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | scaping | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
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No Photos

| | | | | | | | _ | |
|------------|-------------------------|----------------|----------|------------|---------------|-------------|---|--|
| LM Start | 12.24 | Rating ** | М | Issue No. | | 66 | | |
| LM End | 12.33 | Issue Type + | En | Location * | WS | | | |
| Category | Catagoria Earthen Levee | | | | atitud | e/Longitude | | |
| Calegory | | | | Start | | End | | |
| Item | Vegetation | | | | 45° | 38.653208 | 0 | |
| пеш | em | | | | -121.572188 ° | | 0 | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_66 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | scaping | | | | | | Т | |
| | | | | | | | | |
| | Inspector Comment | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |



View of the landscaping on the waterside levee slope.

| LM Start | 12.30 | Rating ** | Α | Issue No. | | 97 | |
|----------------------------------|------------|---------------|----------|--------------------------|-------------|--------------|--|
| LM End | 18.08 | Issue Type + | Ма | Location * | | LS | |
| Earthen Levee | | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | |
| Item | Vegetation | | | 38.6498 | 96° | 38.603918° | |
| Item | | | | -121.571262 ° | | -121.514370° | |
| DWR ID DWR_RD1000_01_f _ 2016_97 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| | | grass and wee | ds on th | e levee slo _l | pes a | and | |
| easements | S. | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



View looking downstream landside of maintained annual grasses.

*Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 12.35 | Rating ** | U | Issue No. | | 62 |
|--|------------------------|--------------|----------|--------------|--------|---------------|
| LM End | 12.44 | Issue Type + | En | Location * | | WS |
| Catagony | Category Earthen Levee | | | GPS La | atitud | e/Longitude |
| Calegory | | | | Start | | End |
| Itom | ltem Vegetation | | | 38.6495 | 60° | 38.648895 ° |
| item | | | | -121.570438° | | -121.569043 ° |
| DWR ID DWR_RD1000_01_s _ 2012_62 | | | | | | |
| | | Comn | nent Cod | de | | |
| V6 : Lands | caping | | | | | |
| | | | | | | |
| | | Inspecto | or Comm | nent | | |
| The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed. | | | | | | |
| | | | | | | |



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

| LM Start | 12.44 | Rating ** | М | Issue No. | | 61 | |
|------------|----------------------------------|--------------|-----------|------------|--------------|-------------|--|
| LM End | 12.47 | Issue Type + | En | Location * | WS | | |
| Category | Category Earthen Levee | | | | atitud | e/Longitude | |
| Category | | | | Start | | End | |
| Item | Vegetatio | n | | 38.6488 | 97° | 38.648588 ° | |
| item | | | -121.5690 | 30° | -121.568467° | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_61 | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | caping | | | | | | |
| | | | _ | | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 12.52 | Rating ** | U | Issue No. | | 60 |
|--|-----------|----------------|--------------|------------|--------|-------------|
| LM End | 12.56 | Issue Type + | En | Location * | | WS |
| Catagony | Earthen L | evee | | GPS La | atitud | e/Longitude |
| Category | | | | Start | | End |
| Item | Vegetatio | n | | 38.6481 | 72 ° | 38.647738° |
| пеш | | 43 ° | -121.567167° | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_60 | | | |
| | | Comn | nent Cod | de | | |
| V6 : Lands | caping | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed. | | | | | | |

Photo 1 of 1 : FA_2016_RD1000_31_60_20160906_00021.jpg

This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

| LM Start | 12.57 | Rating ** | М | Issue No. | | 59 | | |
|------------|------------------------|----------------|----------|------------------------|-----|--------------|--|--|
| LM End | 12.65 | Issue Type + | En | Location * | | WS | | |
| Category | Category Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Category | Category | | | | | End | | |
| Item | Vegetation | | | | | 38.646812° | | |
| item | | | | -121.5670 | 45° | -121.566135° | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_59 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | _ | | | | | |
| | Inspector Comment | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
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Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 12.68 | Rating ** | U | Issue No. | | 58 |
|--|-----------------------|----------------|----------|------------|--------|-------------|
| LM End | 12.72 | Issue Type + | En | Location * | | WS |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude |
| Calegory | | | | Start | | End |
| Item | Vegetatio | n | | 38.6464 | 00° | 38.645926° |
| пеш | -121.565695 ° -121.56 | | | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_58 | | | |
| | | Comn | nent Cod | de | | |
| V6 : Lands | caping | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed. | | | | | | |



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

| LM Start | 12.88 | Rating ** | М | Issue No. | | 56 | | |
|----------------------------------|------------|--------------|----------|-------------------------|--|------------|--|--|
| LM End | 12.88 | Issue Type + | En | Location * | | WS | | |
| Category | evee | GPS La | atitud | e/Longitude | | | | |
| Calegory | | | | Start | | End | | |
| Item | Vegetation | | | | | 38.644028° | | |
| item | | | | -121.563823 ° -121.5638 | | | | |
| DWR ID DWR_RD1000_01_s _ 2012_56 | | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

No Photos

| LM Start | 12.91 | Rating ** | М | Issue No. | | 55 | | |
|------------|------------------------|----------------|----------|------------|--------|--------------|--|--|
| LIVI Start | 12.91 | | IVI | | | - JJ | | |
| LM End | 16.23 | Issue Type + | En | Location * | | WS | | |
| Category | Category Earthen Levee | | | GPS La | atitud | e/Longitude | | |
| Catogory | | | | Start | | End | | |
| Item | Vegetation | | | | | 38.599626° | | |
| item | | | | -121.5635 | 18° | -121.546174° | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_55 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| | | D :: ++ | | | 1 | | |
|------------|----------------------------------|--------------|----------|------------|-----|--------------|--|
| LM Start | 12.93 | Rating ** | М | Issue No. | | 54 | |
| LM End | 12.94 | Issue Type + | En | Location * | | WS | |
| Category | Catagory Earthen Levee | | | | | e/Longitude | |
| Category | | Start | | End | | | |
| Item | Encroachments | | | | | 38.643275 ° | |
| item | | | | -121.5634 | 00° | -121.563307° | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_54 | | | | | | |
| | | Comn | nent Cod | de | | | |
| FE : Fence | Э | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

No Photos

| LM Start | 13.05 | Rating ** | М | Issue No. | | 52 | | |
|------------------------|------------------|----------------|------|------------|-------|--------------|--|--|
| LM End | 13.09 | Issue Type + | En | Location * | | WS | | |
| Category Earthen Levee | | | | GPS La | tituc | le/Longitude | | |
| Category | Category | | | | | End | | |
| Item | Vegetatio | n | | 38.64162 | ° 02 | 38.641113° | | |
| пеш | | | | -121.56275 | 53° | -121.562557° | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_52 | | | | | |
| | Comment Code | | | | | | | |
| V6 : Lands | V6 : Landscaping | | | | | | | |

No Photos

Inspector Comment

| LM Start | 13.15 | Rating ** | U | Issue No. | | 51 |
|----------|-----------|--------------|----|------------|------------|--------------|
| LM End | 13.20 | Issue Type + | En | Location * | ition * WS | |
| Category | Earthen L | evee | | GPS La | titud | e/Longitude |
| Calegory | | | | Start | | End |
| Item | Vegetatio | n | | 38.6402 | 05° | 38.639540° |
| item | | | | -121.5623 | 70° | -121.562238° |

DWR ID DWR_RD1000_01_s _ 2012_51

Comment Code

V6 : Landscaping

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.

Photo 1 of 1: FA_2016_RD1000_31_51_20160906_00018.jpg



View of the landscaping on the waterside levee slope.

* Location LS : Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

+ Issue Type

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 13.26 | Rating ** | М | Issue No. | | 50 |
|----------------------------------|--------------|--------------|------------------------|---------------|-----|---------------|
| LM End | 13.30 | Issue Type + | En | Location * | WS | |
| Earthen Levee | | | GPS Latitude/Longitude | | | |
| Category | | | | Start | | End |
| Item | . Vegetation | | | 38.6386 | 68° | 38.638065 ° |
| пеш | | | | -121.562085 ° | | -121.562015 ° |
| DWR ID DWR_RD1000_01_s _ 2012_50 | | | | | | |
| Comment Code | | | | | | |
| V6 : Landscaping | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

No Photos

Rating ** Issue No. LM Start 13.30 Μ 49 13.33 Issue Type + Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.638067° 38.637600° -121.561932 ° -121.562013 ° DWR ID DWR_RD1000_01_s _ 2012_49 Comment Code V6: Landscaping Inspector Comment

No Photos

| LM Start | 13.33 | Rating ** | М | Issue No. | 48 | | |
|-------------------|----------------------------------|--------------|------------|------------------------|-------------|------------------|--|
| LM End | 13.37 | Issue Type + | En | Location * | WS | | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | | |
| Calegory | | | | | | End | |
| Vegetation | | | 38.637602° | | ° 38.637060 | | |
| item | | | | -121.561930 ° | | 30° -121.561833° | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_48 | | | | | | |
| Comment Code | | | | | | | |
| V6 : Lands | V6 : Landscaping | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En: Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| | | D :: ++ | | | | | |
|-------------------|----------------------------------|------------------------|-----------|------------|--------------|------------|--|
| LM Start | 13.37 | Rating ** | М | Issue No. | | 47 | |
| LM End | 13.41 | Issue Type + | En | Location * | | WS | |
| Category | evee | GPS Latitude/Longitude | | | | | |
| Category | | | | Start | | End | |
| Item | Vegetation | | | 38.6370 | 52° | 38.636527° | |
| пеш | | | -121.5618 | 33° | -121.561743° | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_47 | | | | | | |
| | Comment Code | | | | | | |
| V6 : Landscaping | | | | | | | |
| | . 5 | | | | | | |
| Inspector Comment | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

No Photos

Rating ** Issue No. LM Start 13.41 Μ 46 13.43 Issue Type + Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.636522° 38.636250° -121.561743 ° -121.561667° DWR ID DWR_RD1000_01_s _ 2012_46 Comment Code V6: Landscaping Inspector Comment

No Photos

| LM Start | 13.47 | Rating ** | М | Issue No. | 45 | | |
|----------------------------------|------------------|--------------|---------------------|--------------|-----|------------------|---|
| LM End | 13.49 | Issue Type + | En | Location * | WS | | |
| Category Earthen Levee | | | GPS Latitude/Longit | | | | |
| | | | Start E | | End | | |
| Item | Vegetation | | | | 38° | 38.635387 | 0 |
| item | | | | -121.561570° | | 70° -121.561497° | |
| DWR ID DWR_RD1000_01_s _ 2012_45 | | | | | | | |
| | Comment Code | | | | | | |
| V6 : Lands | V6 : Landscaping | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|-----------------------------------|--------------------------|---|-----------------------------------|
| LS: Land Side N/A: Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En: Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| 13.52 | Rating ** | M | Issue No. | | 44 | | | |
|----------------------------------|-----------------------------|--|--|---|--|--|--|--|
| 13.55 | Issue Type + | En | Location * | | WS | | | |
| Earthen Le | evee | | GPS La | atitud | e/Longitude | | | |
| | Start | | End | | | | | |
| /egetatior | 1 | | 38.6349 | 51 ° | 38.634531 ° | | | |
| n Samue | | | | 54° | -121.561367° | | | |
| DWR ID DWR_RD1000_01_s _ 2012_44 | | | | | | | | |
| | Comn | nent Coc | le | | | | | |
| aping | | | | | | | | |
| | | | | | | | | |
| Inspector Comment | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 13.55 Earthen Lovergetation | 13.55 Issue Type + Earthen Levee /egetation DWR_RD1000_01_s _ 201 Commaping | 13.55 Issue Type + En Earthen Levee /egetation DWR_RD1000_01_s _ 2012_44 | 13.55 Issue Type + En Location * Earthen Levee GPS La Start /egetation 38.6349 -121.5614 DWR_RD1000_01_s _ 2012_44 | 13.55 Issue Type + En Location * | | | |

| LM Start | 13.64 | Rating ** | U | Issue No. | | 43 | | | |
|------------|----------------------------------|--------------|-----------|------------|--------------|-------------|--|--|--|
| LM End | 13.68 | Issue Type + | En | Location * | | WS | | | |
| Cotogony | Earthen L | evee | | GPS La | atitud | e/Longitude | | | |
| Category | | Start | | End | | | | | |
| Item | Encroach | ments | | 38.6332 | 38° | 38.632590° | | | |
| пеш | | | -121.5610 | 97° | -121.560915° | | | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_43 | | | | | | | | |
| | | Comn | nent Coc | le | | | | | |
| FE : Fence |) | | | | | | | | |
| | | | | | | | | | |
| | | Inspecto | or Comm | ent | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable fence. Fall 2014.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 13.98 | Rating ** | U | Issue No. | | 42 | | | |
|------------------------|----------------------------------|--------------|------------|------------------------|------------|--------------|--|--|--|
| LM End | 14.01 | Issue Type + | En | Location * | | WS | | | |
| Category Earthen Levee | | | | GPS Latitude/Longitude | | | | | |
| | | | | Start | | End | | | |
| , Vegetation | | | 38.628300° | | 38.627873° | | | | |
| Item | | | | -121.560180° | | -121.560202° | | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_42 | | | | | | | | |
| Comment Code | | | | | | | | | |
| VC . Londo | VC - Landaganing | | | | | | | | |

V6: Landscaping

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.

Photo 1 of 1 : FA_2016_RD1000_31_42_20160906_00016.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

| LM Start | 14.03 | Rating ** | U | Issue No. | | 40 | | | |
|----------------------------------|--------------|--------------|----|------------------------|------|---------------|--|--|--|
| LM End | 14.17 | Issue Type + | En | Location * | WS | | | | |
| Category Earthen Levee | | | | GPS Latitude/Longitude | | | | | |
| | | | | Start | | End | | | |
| Item | Vegetatio | n | | 38.6275 | 43° | 38.625614° | | | |
| пеш | | | | -121.5601 | 11 ° | -121.560245 ° | | | |
| DWR ID DWR_RD1000_01_s _ 2015_40 | | | | | | | | | |
| | Comment Code | | | | | | | | |

V6 : Landscaping

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.

Photo 1 of 1 : FA_2016_RD1000_31_40_20160906_00015.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 14.25 | Rating ** | M | Issue No. | | 57 | | | |
|------------|----------------------------------|----------------|---------------|-------------|--------------|--------------|--|--|--|
| LM End | 14.27 | Issue Type + | Ma | Location * | | WS | | | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | | | |
| Calegory | | | | Start | | End | | | |
| Item | Trim / Thi | n Trees | | 38.6244 | 46° | 38.624073° | | | |
| пеш | | | -121.560337 ° | | -121.560346° | | | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2015_57 | | | | | | | | |
| | | Comn | nent Coc | de | | | | | |
| T1: Trim t | rees to at I | east five feet | above g | round level | | | | | |
| | | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

No Photos

14.28 Rating ** Issue No. LM Start Μ 41 14.32 Issue Type + Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.624001° 38.626863° -121.560348 ° -121.561015 ° DWR ID DWR_RD1000_01_s _ 2012_41 Comment Code V6: Landscaping Inspector Comment

No Photos

| LM Start | 14.55 | Rating ** | М | Issue No. | | 38 |
|------------|-----------|----------------|----------|---------------|--------|--------------|
| LM End | 14.58 | Issue Type + | En | Location * | | WS |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude |
| Calegory | | | Start | | End | |
| Vegetation | | | | 38.6200 | 77° | 38.619630° |
| пеш | | | | -121.560120 ° | | -121.560067° |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_38 | | | |
| | | Comn | nent Cod | de | | |
| V6 : Lands | scaping | | | | | |
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| | | Inspecto | or Comm | nent | | |
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| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En: Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 14.61 | Rating ** | М | Issue No. | | 53 | | | |
|----------------------------------|-----------|--------------|---------|------------|--------|--------------|--|--|--|
| LM End | 14.61 | Issue Type + | En | Location * | | WS | | | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | | | |
| Calegory | | | | Start | | End | | | |
| Item | Encroachi | ments | | 38.6192 | 219° | 38.619219° | | | |
| item | | | | -121.5601 | 30° | -121.560130° | | | |
| DWR ID DWR_RD1000_01_s _ 2015_53 | | | | | | | | | |
| Comment Code | | | | | | | | | |
| BU : Build | ing | | | | | | | | |
| | | | | | | | | | |
| | | Inspect | or Comm | nent | | | | | |
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View of storage container from the landside of the crown facing the waterside of the levee.

| LM Start | 14.62 | Rating ** | М | Issue No. | | 37 | | |
|----------------------------------|--------|--------------|------------------------|-------------------------|------------|-----|--|--|
| LM End | 14.66 | Issue Type + | En | Location * | WS | | | |
| Category Earthen Levee | | | GPS Latitude/Longitude | | | | | |
| Calegory | | | | Start | | End | | |
| Vegetation | | | 38.6191 | 12° | 38.618493° | | | |
| item | | | | -121.560113 ° -121.5600 | | | | |
| DWR ID DWR_RD1000_01_s _ 2012_37 | | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | _ | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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No Photos

| LM Start | 14.68 | Rating ** | A/W | Issue No. | | 36 | |
|------------------------|----------------------------------|--------------|------------------------|------------|-------------|-----------|---|
| LM End | 14.68 | Issue Type + | En | Location * | WS | | |
| Category Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Category | | | | Start | | End | |
| Item | Vegetation | | | | 63° | 38.618163 | 0 |
| пеш | | | | -121.5601 | -121.560113 | 0 | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_36 | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | caping | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
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| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 14.69 | Rating ** | М | Issue No. | | 35 | |
|----------------------------------|-----------|--------------|----------|------------------------|-------------|------------|--|
| LM End | 14.77 | Issue Type + | En | Location * | WS | | |
| Earthen Levee | | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | |
| Item | Vegetatio | n | | 38.6179 | 72° | 38.616835° | |
| пеш | | | | -121.560044° -121.5598 | | | |
| DWR ID DWR_RD1000_01_s _ 2012_35 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | scaping | | | | | | |
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| | | Inspecto | or Comm | nent | | | |
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View of the landscaping on the waterside levee slope.

| LM Start | 15.08 | Rating ** | М | Issue No. | | 34 | | |
|------------|---------------|----------------|------|------------------------|------|---------------|--|--|
| LM End | 15.13 | Issue Type + | En | Location * | WS | | | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Category | | | | Start | | End | | |
| Item | Vegetation | | | 38.6125 | 55 ° | 38.611900° | | |
| item | | | | -121.558258 ° | | -121.558303 ° | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_34 | | | | | |
| | Comment Code | | | | | | | |
| V6 : Lands | caping | | | | | | | |

Inspector Comment

| LM Start | 15.09 | Rating ** | М | Issue No. | | 76 | | |
|-------------|-----------|----------------|----------|------------|---------------|------------|--|--|
| LM End | 15.09 | Issue Type + | En | Location * | WS | | | |
| Category | evee | | GPS La | atitud | e/Longitude | | | |
| Calegory | | | | Start | | End | | |
| Item | Encroachi | ments | | 38.6123 | 40° | 38.612340° | | |
| item | | | | -121.5586 | -121.558633 ° | | | |
| DWR ID | DWR_RD1 | 000_01_f _ 201 | 2_76 | | | | | |
| | | Comn | nent Cod | de | | | | |
| BU : Buildi | ng | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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Cargo container on levee shoulder, the property appears to be on fill material.

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 15.21 | Rating ** | М | Issue No. | | 33 | |
|----------------------------------|---------------|--------------|----------|------------|--------------|------------|--|
| LM End | 15.23 | Issue Type + | En | Location * | | WS | |
| Earthen Levee | | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | |
| Item | Encroachments | | | | | 38.610455° | |
| пеш | | | | -121.5578 | -121.557638° | | |
| DWR ID DWR_RD1000_01_s _ 2012_33 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| FE : Fence | е | | | | | | |
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| | | Inspecto | or Comm | nent | | | |
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No Photos

| - | | | | | | | | |
|------------|-------------------|----------------|--------------|-------------|--------------|------------|--|--|
| LM Start | 15.25 | Rating ** | М | Issue No. | | 32 | | |
| LM End | 15.27 | Issue Type + | En | Location * | | WS | | |
| Category | evee | GPS L | atitud | e/Longitude | | | | |
| Category | | | | Start | | End | | |
| Item | Encroachments | | | 38.6101 | 80° | 38.609908° | | |
| пеш | | | -121.557453° | | -121.557328° | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 12_32 | ' | | | | |
| | | Comn | nent Cod | de | | | | |
| FE : Fence |) | | | | | | | |
| | | | | | | | | |
| | Inspector Comment | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

No Photos

CR : Crown

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 15.29 | Rating ** | U | Issue No. | e No. 31 | | |
|----------------------------------|-----------|--------------|------------------------|------------|----------|-------------|--|
| LM End | 15.32 | Issue Type + | En | Location * | WS | | |
| Category Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Calegory | Category | | | | Start | | |
| Item | Vegetatio | n | | 38.6097 | 43 ° | 38.609315 | |
| item | | | | -121.5572 | 52° | -121.557000 | |
| DWR ID DWR_RD1000_01_s _ 2012_31 | | | | | | | |
| Comment Code | | | | | | | |

V6 : Landscaping

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.

Photo 1 of 1: FA_2016_RD1000_31_31_20160906_00013.jpg

This photo was taken from the crown facing downstream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

| LM Start | 15.44 | Rating ** | U | Issue No. | 30 | | |
|----------------------------------|-----------|--------------|------------------------|------------|-----|--------------|--|
| LM End | 15.48 | Issue Type + | En | Location * | WS | | |
| Category Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Calegory | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6077 | 15° | 38.607345° | |
| iteiii | | | | -121.5558 | 47° | -121.555538° | |
| DWR ID DWR_RD1000_01_s _ 2012_30 | | | | | | | |
| Comment Code | | | | | | | |

V6 : Landscaping

Inspector Comment

The landscape vegetation prevents the ability to see waterside slope and will make it difficult to access if a flood fight is ever needed.

Photo 1 of 1 : FA_2016_RD1000_31_30_20160906_00012.jpg



This photo was taken from the crown facing down stream looking down the waterward levee slope at unacceptable landscaping. Fall 2014.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 15.49 | Rating ** | U | Issue No. | | 29 | | |
|----------------------------------|----------|--------------|----------|--------------------------|--------|--------------|--|--|
| LM End | 15.57 | Issue Type + | En | Location * | | WS | | |
| Category Earthen Levee | | | | GPS L | atitud | le/Longitude | | |
| Calegory | | | | Start | | End | | |
| Item | Encroach | ments | | 38.6072 | 207° | 38.606255 ° | | |
| пеш | | | | -121.555465 ° -121.55458 | | | | |
| DWR ID DWR_RD1000_01_s _ 2012_29 | | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| FE : Fence | Э | | | | | | | |
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| | | Inspecto | or Comm | nent | | | | |
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This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable fence. Fall 2014.

| LM Start | 15.59 | Rating ** | М | Issue No. | | 28 | | |
|---------------|----------------------------------|--------------|----------|------------|--------|---------------|--|--|
| LM End | 15.61 | Issue Type + | En | Location * | WS | | | |
| Earthen Levee | | | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6059 | 915° | 38.605687° | | |
| item | | | | -121.5542 | 90° | -121.554070 ° | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_28 | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comn | nent | | | | |
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No Photos

| LM Start | 15.62 | Rating ** | M | Issue No. | 27 | | | | | |
|------------------------|----------------------------------|--------------|----------|---------------|--------|-------------|---|--|--|--|
| LM End | 15.65 | Issue Type + | En | Location * | WS | | | | | |
| Category Earthen Levee | | | | GPS L | atitud | e/Longitude | | | | |
| Category | | | | Start | | End | | | | |
| Item | | 38.6055 | 85° | 38.605273 | 0 | | | | | |
| пеш | | | | -121.553983 ° | | -121.553663 | 0 | | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_27 | | | | | | | | | |
| | | Comn | nent Cod | de | | | | | | |
| V6 : Lands | caping | | | | | | | | | |
| | | | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | | | |
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| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 15.65 | Rating ** | М | Issue No. | | 26 |
|---------------|-----------|----------------|----------|------------|-------------|--------------|
| LM End | 15.67 | Issue Type + | En | Location * | | WS |
| Earthen Levee | | | GPS La | atitud | e/Longitude | |
| Category | | | | Start | | End |
| Item | Vegetatio | า | | 38.6052 | 65° | 38.605032° |
| item | | | | -121.5536 | 47° | -121.553437° |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_26 | | | |
| | | Comn | nent Cod | de | | |
| V6 : Lands | caping | | | | | |
| | | | | | | |
| | | Inspecto | or Comm | nent | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

No Photos

Rating ** Issue No. LM Start 15.67 Μ 25 15.71 Issue Type + En Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.605002° 38.604598° -121.553413 ° -121.553008° DWR ID DWR_RD1000_01_s _ 2012_25 Comment Code V6: Landscaping Inspector Comment

No Photos

| LM Start | 15.84 | Rating ** | М | Issue No. | | 23 | | | |
|---------------|-------------------|----------------|----------|-------------|--------|--------------|---|--|--|
| LM End | 15.85 | Issue Type + | En | Location * | | WS | | | |
| Earthen Levee | | | | GPS La | atitud | le/Longitude | | | |
| Category | | | | Start | | End | | | |
| Vegetation | | | | 38.603083° | | 38.602943 | 0 | | |
| пеш | | -121.551690 ° | | -121.551593 | 0 | | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 12_23 | | | | | | |
| | | Comn | nent Cod | de | | | | | |
| V6 : Lands | scaping | | | | | | | | |
| | | | | | | | | | |
| | Inspector Comment | | | | | | | | |
| | | | | | | | | | |

No Photos

Page 41 of 47

| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR · Crown | U : Unacceptable | A/W · Acceptable but Monitor & Maintain | En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 15.85 | Rating ** | М | Issue No. | | 22 | | |
|------------|----------------------------------|--------------|----------|------------|------------|--------------|--|--|
| LM End | 15.87 | Issue Type + | En | Location * | | WS | | |
| Category | Earthen L | evee | | GPS L | atitud | e/Longitude | | |
| Calegory | | | | Start | | End | | |
| Vegetation | | | 38.6028 | 370° | 38.602617° | | | |
| Item | | | | -121.5515 | 98° | -121.551330° | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2015_22 | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | scaping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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| | | | | | | | | |

No Photos

Rating ** Issue No. LM Start 15.88 Μ 21 15.90 Issue Type + Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.602517° 38.602373° -121.551248 ° -121.550963° DWR ID DWR_RD1000_01_s _ 2012_21 Comment Code V6: Landscaping

Inspector Comment

No Photos

| LM Start | 15.94 | Rating ** | М | Issue No. | | 20 | | | |
|------------|-------------------|----------------|---------------|--------------|--------------|-------------|--|--|--|
| LM End | 15.96 | Issue Type + | En | Location * | WS | | | | |
| Category | Earthen L | GPS La | atitud | le/Longitude | | | | | |
| Calegory | | | Start | | End | | | | |
| Item | Encroach | Encroachments | | | 77° | 38.601678 ° | | | |
| пеш | | | -121.550473 ° | | -121.550142° | | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 12_20 | | | | | | |
| | | Comn | nent Cod | de | | | | | |
| FE : Fence | Э | | | | | | | | |
| | | | | | | | | | |
| | Inspector Comment | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En: Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 16.03 | Rating ** | М | Issue No. | | 19 | |
|--------------|---------------------------------|--------------|----------|---------------|------------|--------------|--|
| LM End | 16.06 | Issue Type + | En | Location * | | WS | |
| Category | Earthen L | evee | | GPS L | atitud | e/Longitude | |
| Calegory | | | | Start | | End | |
| . Vegetation | | | 38.6009 | 988° | 38.600665° | | |
| Item | | | | -121.549198 ° | | -121.548795° | |
| DWR ID | /R ID DWR_RD1000_01_s _ 2012_19 | | | | | | |
| | | Comn | nent Cod | de | | | |
| V6 : Lands | scaping | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
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| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

No Photos

Rating ** Issue No. LM Start 16.34 99 17.79 Issue Type + Ма Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 38.600089° 38.604709° -121.544331 -121.519644° DWR ID DWR_RD1000_01_f _ 2016_99 Comment Code

No Photos

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

| LM Start | 16.58 | Rating ** | М | Issue No. | | 16 | | | |
|--------------------|----------------------------------|--------------|----------|--------------|-------------|--------------|--|--|--|
| LM End | 16.63 | Issue Type + | En | Location * | WS | | | | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | | | |
| Category | | | | Start | | End | | | |
| ltem Encroachments | | | 38.6023 | 28° | 38.602688 ° | | | | |
| item | | | | -121.540788° | | -121.540157° | | | |
| DWR ID | DWR ID DWR_RD1000_01_s _ 2012_16 | | | | | | | | |
| | | Comn | nent Cod | le | | | | | |
| FE : Fence |) | | | | | | | | |
| | | | | | | | | | |
| Inspector Comment | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

No Photos

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiancy

C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain

** Rating

A : Asceptable M : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 16.63 | Rating ** | М | Issue No. | | 15 | | |
|------------|-----------|---------------------------|----------|--------------|--------|---------------|--|--|
| LM End | 16.67 | Issue Type + | En | Location * | | WS | | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | | |
| Calegory | | | | Start | | End | | |
| Item | Encroach | ments | | 38.6026 | 93° | 38.603092 ° | | |
| item | | | | -121.540165° | | -121.539490 ° | | |
| DWR ID | DWR_RD1 | DWR_RD1000_01_s _ 2012_15 | | | | | | |
| | | Comn | nent Cod | de | | | | |
| FE : Fence | Э | | | | | | | |
| | | | _ | | | | | |
| | | Inspecto | or Comm | nent | | | | |
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| | | | | | | | | |

No Photos

Rating ** Issue No. LM Start 16.68 Μ 14 16.72 Issue Type + Location * WS LM End GPS Latitude/Longitude Earthen Levee Category Start End Encroachments 38.603242° 38.603597° -121.539318 ° -121.538875° DWR ID DWR_RD1000_01_s _ 2012_14 Comment Code FE : Fence Inspector Comment

No Photos

| LM Start | 16.78 | Rating ** | М | Issue No. | | 13 | | | | |
|------------|-------------------|----------------|---------------|------------|--------------|-------------|--|--|--|--|
| LM End | 16.89 | Issue Type + | En | Location * | WS | | | | | |
| Category | Earthen L | evee | | GPS L | atitud | e/Longitude | | | | |
| Calegory | | | Start | | End | | | | | |
| Item | Encroach | | 38.6041 | 88° | 38.604890° | | | | | |
| | | | -121.538027 ° | | -121.536105° | | | | | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 12_13 | | | | | | | |
| | | Comn | nent Cod | de | | | | | | |
| FE : Fence | Э | | | | | | | | | |
| | | | | | | | | | | |
| | Inspector Comment | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En: Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| 17.34 | Rating ** | M | Issue No. | | 11 | | | | |
|---------------------------|-----------------------------------|---|---|--|---|---|--|--|--|
| 17.44 | Issue Type + | En | Location * | | WS | | | | |
| Earthen L | evee | | GPS La | atitud | e/Longitude | | | | |
| | Start | | End | | | | | | |
| Encroachi | 38.6056 | 45° | 38.605542 | 0 | | | | | |
| | | | -121.527902° | | -121.526112 | 0 | | | |
| DWR_RD1000_01_s _ 2012_11 | | | | | | | | | |
| | Comn | nent Coc | de | | | | | | |
|) | | | | | | | | | |
| | | | | | | | | | |
| Inspector Comment | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | 17.44 Earthen L Encroachi DWR_RD1 | 17.44 Issue Type + Earthen Levee Encroachments DWR_RD1000_01_s _ 201 Comn | 17.44 Issue Type + En Earthen Levee Encroachments DWR_RD1000_01_s _ 2012_11 Comment Coc | 17.44 Issue Type + En Location * Earthen Levee GPS List Start Encroachments 38.6056 -121.5279 DWR_RD1000_01_s _ 2012_11 Comment Code | 17.44 Issue Type + En Location * Earthen Levee GPS Latitud Start 38.605645 ° -121.527902 ° DWR_RD1000_01_s _ 2012_11 Comment Code | 17.44 Issue Type + En Location * WS Earthen Levee GPS Latitude/Longitude Start End Encroachments 38.605645 ° 38.605542 -121.527902 ° -121.526112 DWR_RD1000_01_s _ 2012_11 Comment Code | | | |

No Photos

| LM Start | 17.47 | Rating ** | Α | Issue No. | | 10 | |
|---------------|---------|----------------|------------------------|------------|-----------|-------------|---|
| LM End | 17.52 | Issue Type + | En | Location * | | WS | |
| Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Category | | | | Start | | End | |
| Encroachments | | | 38.605482° | | 38.605447 | 0 | |
| Item | | | | -121.5254 | 92° | -121.524678 | 0 |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_10 | | | | |
| | | Comn | nent Coc | 10 | | | |

BU : Building

Inspector Comment

This building is Permited. Permit Number 1423, and the rateng has been changed to "A".

Photo 1 of 1: FA_2016_RD1000_31_10_20160906_00010.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope. Fall 2014.

Page 46 of 47

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| | 1 | | | | | | |
|-------------------|-----------|--------------------------|---------------|------------|---------------|-------------|--|
| LM Start | 17.52 | Rating ** | U | Issue No. | | 8 | |
| LM End | 17.61 | Issue Type + | En | Location * | | WS | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Encroach | ments | | 38.6054 | 45° | 38.605305° | |
| item | | | -121.524675 ° | | -121.522958 ° | | |
| DWR ID | DWR_RD1 | DWR_RD1000_01_s _ 2012_8 | | | | | |
| | | Comn | nent Cod | de | | | |
| BU : Buildi | ng | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Photo 1 of 1 : FA_2016_RD1000_31_8_20160906_00008.jpg



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable building. Fall 2014.

| LM Start | 17.53 | Rating ** | U | Issue No. | | 9 | |
|-------------------|-----------|----------------|----------|------------|--------|--------------------|--|
| LIVI Start | 17.55 | | U | | | 9 | |
| LM End | 17.56 | Issue Type + | En | Location * | | LS | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Category | | | | Start | | End | |
| Item | Encroach | ments | | 38.6054 | 20° | 38.605462° | |
| item | | | | | 875° | 75 ° -121.523852 ° | |
| DWR ID | DWR_RD1 | 000_01_s _ 201 | 2_9 | | | | |
| | | Comn | nent Cod | de | | | |
| BU : Buildi | ing | | | | | | |
| | | | | | | | |
| Inspector Comment | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Photo 1 of 1 : FA_2016_RD1000_31_9_20160906_00009.jpg



This photo was taken from the crown facing upstream looking down the landward levee slope at an unacceptable building. Fall 2014.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|------------------|
| Unit No. 01 Sacramento River | Left | 18.28 | 09/13/2016 09/14/2016 | Sterling York |

| LM Start | 17.79 | Rating ** | Α | Issue No. | | 6 | | |
|--------------------------|--------------------------|----------------|----------|------------|--------|--------------|--|--|
| LM End | 17.79 | Issue Type + | En | Location * | WS | | | |
| Cotogony | Earthen L | evee | | GPS La | atitud | e/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Encroachments | | | 38.6047 | '88 | 38.604788 ° | | |
| item | | | | -121.5197 | '20 ° | -121.519720° | | |
| DWR ID | DWR_RD1000_01_s _ 2012_6 | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| BU : Buildi | ng | | | | | | | |
| Inspector Comment | | | | | | | | |
| This buildi been chan | | ited. Permit N | lumber 1 | 3838, and | the r | ateng has | | |



This photo was taken from the crown facing upstream looking down the waterward levee slope. Fall 2014.

| LM Start | 17.80 | Rating ** | U | Issue No. | | 5 |
|-------------------|--------------------------|--------------|---------------|------------|--------------|-------------|
| LM End | 17.87 | Issue Type + | En | Location * | | WS |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude |
| Category | | | | Start | | End |
| Item | Encroach | ments | | 38.6047 | ′58° | 38.604532° |
| item | | | -121.519610 ° | | -121.518190° | |
| DWR ID | DWR_RD1000_01_s _ 2012_5 | | | | | |
| | | Comn | nent Cod | de | | |
| BU : Build | ing | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| | | | | | | |
| | | | | | | |



This photo was taken from the crown facing downstream looking down the waterward levee slope at an unacceptable building. Fall 2014.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles |
|----------------------------|-------|------------|
| Unit No. 02 American River | Right | 2.32 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|-------------------------------------|-------------------------|---------------------------|--------------------------------|------------------------------|
| Unit Maintenance Rating (Fall Only) | | | U | |
| Date of Inspection | 4/6/2016 - 4/6/2016 | | 9/13/2016 - 9/13/2016 | |
| DWR Inspector | Sterling York | | Sterling York | |
| Accompanied By | Don Caldwell RD1000 | | Don Caldwell RD1000 | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|------------------|
| Unit No. 02 American River | Right | 2.32 | 09/13/2016 09/13/2016 | Sterling York |

| | | D-4: ** | | Innun Nin | | |
|---------------------------------|-----------|--------------|--------------|------------|--------------|--------------|
| LM Start | 0.56 | Rating ** | М | Issue No. | | 1 |
| LM End | 2.32 | Issue Type + | En | Location * | | LS |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude |
| Category | | | | Start | | End |
| Item | Encroachi | ments | | 38.6075 | 49° | 38.605980° |
| item | | | -121.501797° | | -121.470627° | |
| DWR ID DWR_RD1000_02_s _ 2012_1 | | | | | | |
| | | Comn | nent Cod | de | | |
| UR : Urbaı | า | | | | | |
| Inspector Comment | | | | | | |
| | | | | | | |
| | | | | | | |
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| | | | | | | |

| | 8 |
|------------|--------------|
|) ° 7 ° | |
| | |
| | 39 |
| | |
| | Levee mile 0 |

Levee mile 0.56. This photo is looking upstream from the waterside levee shoulder to the landside shoulder.

Photo 1 of 3: FA_2016_RD1000_32_1_20160906_00001.jpg

 LM Start
 0.56
 Rating **
 M
 Issue No.
 1 (cont)

 LM End
 2.32
 Issue Type +
 En
 Location *
 LS

Photo 2 of 3: FA_2016_RD1000_32_1_20160906_00002.jpg



Taken on the landside facing the waterside looking downstream.

| LM Start | 0.56 | Rating ** | М | Issue No. | 1 (cont) |
|----------|------|--------------|----|------------|----------|
| LM End | 2.32 | Issue Type + | En | Location * | LS |



Landside encroachment, landscaping, levee mile 1.68.

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|------------------|
| Unit No. 02 American River | Right | 2.32 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 1.06 | Rating ** | М | Issue No. | | 4 |
|--------------------------------------|---------------------------------|----------------|----------|--------------|--------|---------------|
| LM End | 1.48 | Issue Type + | Ма | Location * | | LS |
| Cotogony | Earthen L | evee | | GPS La | atitud | le/Longitude |
| Category | | | | Start | | End |
| Item | Trim / Thin Trees | | | 38.6085 | 36° | 38.608063° |
| пеш | | | | -121.4926 | 53° | -121.484951 ° |
| DWR ID | DWR ID DWR_RD1000_02_f _ 2016_4 | | | | | |
| | | Comn | nent Cod | de | | |
| T1: Trim t | rees to at I | east five feet | above g | round level. | | |
| | | | | | | |
| | | Inspecto | or Comm | nent | | |
| Trees need to be trimmed. Fall 2016. | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |



View looking downstream landside of trees that need to be trimmed. Fall 2016.

| LM Start | 1.54 | Rating ** | М | Issue No. | | 2 |
|----------|--------------------------|-------------------|----|------------------------|-----|--------------|
| LM End | 1.61 | Issue Type + | Ma | Location * | | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| Calegory | Category | | | Start | | End |
| Item | Trim / Thi | Trim / Thin Trees | | | 78° | 38.607713° |
| пеш | | | | | 58° | -121.482524° |
| DWR ID | DWR_RD1000_02_s _ 2014_2 | | | | | |

Comment Code
T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Thin trees for visibility and access during flood fight.

Photo 1 of 1 : FA_2016_RD1000_32_2_20160906_00004.jpg



View of the trees on the landside levee slope. Small trees 4" in diameter at chest height should be removed before they get to big.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|----------------------------|-------|------------|--------------------------|------------------|
| Unit No. 02 American River | Right | 2.32 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 1.79 | Rating ** | М | Issue No. | | 3 |
|---|--------------------------------------|--------------|----------|---------------|--------|--------------|
| LM End | 2.07 | Issue Type + | Ma | Location * | | WS |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude |
| Calegory | | | | Start | | End |
| Item | Trim / Thi | n Trees | | 38.6065 | 666° | 38.605012° |
| пеш | | | | -121.479695 ° | | -121.474813° |
| DWR ID DWR_RD1000_02_f _ 2016_3 | | | | | | |
| | | Comn | nent Cod | de | | |
| T1 : Trim trees to at least five feet above ground level. | | | | | | |
| | | Inspecto | or Comm | nent | | |
| Trees need | Trees need to be trimmed. Fall 2016. | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |



View looking upstream waterside of trees that need to be trimmed. Fall 2016.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles |
|--------------------------------|-------|------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|-------------------------------------|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | Α | |
| Date of Inspection | 4/6/2016 - 4/6/2016 | | 9/13/2016 - 9/13/2016 | |
| DWR Inspector | Sterling York | | Sterling York | |
| Accompanied By | Don Caldwell RD1000 | | Don Caldwell RD1000 | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| I M Ctort | 0.09 | Rating ** | М | Issue No. | | 7 |
|---------------------------------|-----------|--------------|---------------|------------|---------------|-------------|
| LM Start | | | | | | - |
| LM End | 0.14 | Issue Type + | En | Location * | | LS |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude |
| Category | | | | Start | | End |
| Item | Vegetatio | n | | 38.6068 | 82° | 38.607523° |
| пеш | | | -121.469480 ° | | -121.469033 ° | |
| DWR ID DWR_RD1000_03_s _ 2012_7 | | | | | | |
| | | Comn | nent Cod | de | | |
| V6 : Lands | caping | | | | | |
| | | Inspecto | or Comm | nent | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| LM Start | 0.09 | Rating ** | М | Issue No. | 7 (cont) |
|----------|------|--------------|----|------------|----------|
| LM End | 0.14 | Issue Type + | Fn | Location * | LS |



Taken facing the landside looking downstream.

Photo 2 of 2: FA_2016_RD1000_33_7_20160906_00007.jpg



Fence with vegetation at L/S toe.

| LM Start | 0.09 | Rating ** | Α | Issue No. | | 6 | |
|---------------------------------|-----------|--------------|-----------|--------------|---------------|-------------|--|
| LM End | 16.66 | Issue Type + | Ma | Location * | | WS | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Calegory | | | | Start | | End | |
| Vegetation | | | 38.6068 | 82° | 38.823080° | | |
| item | | | | -121.4694 | -121.539803 ° | | |
| DWR ID DWR_RD1000_03_f _ 2016_6 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| V1 : Contreasements | | rass and wee | eds on th | e levee slop | pes a | and | |
| | | Inspecto | or Comm | nent | | | |
| Annual grasses have been mowed. | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Photo 1 of 1 : FA_2016_RD1000_33_6_20160914_00015.jpg



View waterside looking upstream of maintained vegetation.

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.09 | Rating ** | Α | Issue No. | | 11 | | |
|---|----------------------------------|--------------|-----------|---------------|--------|--------------|--|--|
| LM End | 16.66 | Issue Type + | Ma | Location * | | LS | | |
| Category | Earthen Levee | | | | atitud | e/Longitude | | |
| Calegory | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.6068 | 82 ° | 38.823080° | | |
| item | | | | -121.469480 ° | | -121.539804° | | |
| DWR ID | DWR ID DWR_RD1000_03_f _ 2016_11 | | | | | | | |
| | | Comn | nent Cod | de | | | | |
| V1 : Contro easements | | rass and wee | eds on th | e levee slop | oes a | and | | |
| | | Inspecto | or Comm | nent | | | | |
| Inspector Comment Annual grasses have been mowed and all new growth was being sprayed 9/13/16. | | | | | | | | |



View looking upstream landside of the mowed annual grass.

| LM Start | 0.23 | Rating ** | A/W | Issue No. | 20 | | | |
|----------------------------------|-----------|------------------------|-------|---|-----|-------------|---|--|
| LM End | 0.23 | Issue Type + | Ma | Location * | LS | | | |
| Category | evee | GPS Latitude/Longitude | | | | | | |
| Calegory | | | Start | | End | | | |
| Item | Slope Sta | bility | | 38.608814° 38.60 | | 38.608814 | 0 | |
| item | | | | Location * GPS Lat Start 38.60881 -121.46846 | 69° | -121.468469 | 0 | |
| DWR ID DWR_RD1000_03_f _ 2015_20 | | | | | | | | |
| Comment Code | | | | | | | | |

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

There is a foot path up the slope of the levee but it has not damaged the integrity of the levee enough to warrant an M rating. This path should be monitored and maintained to avoid a future maintenance issue.

| - | N I | _ | Ρ | L | _ | | _ | _ |
|---|-----|---|---|---|---|---|---|---|
| | IN | O | Р | n | n | T | n | S |

| LM Start | 0.31 | Rating ** | М | Issue No. | 5 | | | | |
|------------|---------------------------------|--------------|----------|------------|--------|--------------|---|--|--|
| LM End | 0.33 | Issue Type + | En | Location * | LS | | | | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | | | |
| Calegory | | | | Start | | End | | | |
| Item | Encroachi | ments | | 38.6098 | 65° | 38.610162 | 0 | | |
| пеш | | | | -121.4681 | 83° | -121.468122 | 0 | | |
| DWR ID | DWR ID DWR_RD1000_03_s _ 2012_5 | | | | | | | | |
| | | Comn | nent Coo | de | | | | | |
| FE : Fence |) | | | | | | | | |
| | | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| 0.38 | Rating ** | A/W | Issue No. | | 19 | | | |
|----------------------------------|------------------------------------|--|---|---|--|--|--|--|
| 0.38 | Issue Type + | Ma | Location * | | LS | | | |
| Earthen L | evee | | GPS La | atitud | e/Longitude | | | |
| | | | Start | | End | | | |
| Animal Co | ontrol | | 38.6108 | 54° | 38.610854° | | | |
| | | | -121.4679 | -121.467961 ° | | | | |
| DWR ID DWR_RD1000_03_f _ 2015_19 | | | | | | | | |
| | Comn | nent Cod | de | | | | | |
| ninate rode | ents and back | fill and o | compact or | grou | t burrows. | | | |
| | | _ | | | | | | |
| | Inspecto | or Comm | nent | | | | | |
| on into rod | ent hole for co | ontrol. N | o sign of ro | dent | s Fall 2016. | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 0.38 Earthen Lo Animal Co DWR_RD10 | 0.38 Issue Type + Earthen Levee Animal Control DWR_RD1000_03_f_201 Comminate rodents and back Inspector | 0.38 Issue Type + Ma Earthen Levee Animal Control DWR_RD1000_03_f_2015_19 Comment Cooninate rodents and backfill and control Inspector Comment | 0.38 Issue Type + Ma Location * Earthen Levee GPS Land Start Animal Control 38.6108 -121.4679 DWR_RD1000_03_f _ 2015_19 Comment Code Comment Code Inspector Comment | 0.38 Issue Type + Ma Location * Earthen Levee | | | |

A/W

Issue No.

Location *

19 (cont)

LS

0.38

0.38

LM Start

Rating **

Issue Type +

| Photo 1 of 2 : FA_2016_RD1000_33_19_201609 | 06_00013.jp |
|--|-------------------|
| | IN FEB |
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| | 建筑水 |
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| in the second se | /09/2015 |
| | The second second |

View of the rodent on the waterside levee slope ready to retreat into the den, penetrating the levee prism.

Photo 2 of 2: FA_2016_RD1000_33_19_20160906_00014.jpg



View of the rodent holes on the waterside levee slope. Fall 2015. Bait injection into rodent hole for control, no sign of rodents Fall 2016.

| LM Start | 0.53 | Rating ** | М | Issue No. | | 4 | | | | |
|---------------------------------|-------------------------|--------------|----------|------------|--------------|-------------|--|--|--|--|
| LM End | 0.58 | Issue Type + | En | Location * | | LS | | | | |
| Category | Catagoria Earthen Levee | | | | atitud | e/Longitude | | | | |
| Category | | | | Start | | End | | | | |
| Item | Encroachi | ments | | 38.6130 |)77° | 38.613700° | | | | |
| item | | | | -121.4681 | -121.468263° | | | | | |
| DWR ID DWR_RD1000_03_s _ 2012_4 | | | | | | | | | | |
| | | Comn | nent Cod | de | | | | | | |
| FE : Fence |) | | | | | | | | | |
| | | | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 1.44 | Rating ** | A/W | Issue No. | | 18 |
|----------|----------------------------------|------------------------|----------|------------|-----|--------------|
| LM End | 1.44 | Issue Type + | Ma | Location * | | LS |
| Category | evee | GPS Latitude/Longitude | | | | |
| Calegory | | | | Start | | End |
| Item | Slope Sta | bility | | 38.6261 | 11° | 38.626111° |
| пеш | | | | -121.4705 | 75° | -121.470575° |
| DWR ID | DWR ID DWR_RD1000_03_f _ 2015_18 | | | | | |
| | | Comn | nent Cod | de | | |

S2: Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

There is a foot path up the slope of the levee but it has not damaged the integrity of the levee enough to warrant an M rating. This path should be monitored and maintained to avoid a future maintenance issue.

No Photos

| LM Start | 2.10 | Rating ** | М | Issue No. | | 17 | |
|----------------------------------|------------------------|--------------|----|------------|-------|--------------|--|
| LM End | 2.24 | Issue Type + | En | Location * | LS | | |
| Category | Category Earthen Levee | | | | titud | le/Longitude | |
| Calegory | | | | | | End | |
| Item | Encroach | ments | | 38.63559 | 97° | 38.637610° | |
| item | | | | -121.47238 | 39° | -121.472774° | |
| DWR ID DWR_RD1000_03_f _ 2015_17 | | | | | | · | |
| | Comment Code | | | | | | |

FE : Fence

Inspector Comment

Photo 1 of 1: FA_2016_RD1000_33_17_20160914_00021.jpg



View of fence at landside levee toe.

| LM Start | 2.36 | Rating ** | М | Issue No. | | 15 | |
|------------------------|--------------|------------------------|------------------------|------------|------|--------------|--|
| LM End | 2.36 | Issue Type + | Ma | Location * | LS | | |
| Category Earthen Levee | | | GPS Latitude/Longitude | | | | |
| Calegory | | | | Start | | End | |
| Item | Slope Sta | bility | | 38.63932 | 26° | 38.639326° | |
| пеш | | | | -121.47310 |)7 ° | -121.473107° | |
| DWR ID | DWR_RD1 | _RD1000_03_f _ 2015_15 | | | | | |
| | Comment Code | | | | | | |

S2: Repair the levee slope damaged by foot traffic and prevent access where possible

Inspector Comment



Photo 1 of 1: FA_2016_RD1000_33_15_20160906_00012.jpg



View of the landside levee slope damaged by foot traffic.

Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 2.74 | Rating ** | A/W | Issue No. | | 16 |
|----------------------------------|---------------|--------------|-----|------------------------|-----|--------------|
| LM End | 2.74 | Issue Type + | Ma | Location * | | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | |
| Calegory | | | | Start | | End |
| Item | Slope Sta | bility | | 38.64479 | 6° | 38.644796 ° |
| пеш | | | | -121.47413 | 5 ° | -121.474135° |
| DWR ID DWR_RD1000_03_f _ 2015_16 | | | | | | |

Comment Code

S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.

Inspector Comment

There is a foot path up the slope of the levee but it has not damaged the integrity of the levee enough to warrant an M rating. This path should be monitored and maintained to avoid a future maintenance issue.

No Photos

| LM Start | 3.01 | Rating ** | М | Issue No. | | 3 | |
|---------------------------------|--------------|--------------|-----------|------------|--------------|-------------|--|
| LM End | 3.07 | Issue Type + | En | Location * | LS | | |
| Category Earthen Levee | | | | GPS La | titud | e/Longitude | |
| Calegory | alegory | | | | | End | |
| Item | Encroach | ments | | 38.6486 | 77° | 38.649412° | |
| item | | | -121.4748 | 32° | -121.475005° | | |
| DWR ID DWR_RD1000_03_s _ 2012_3 | | | | | | | |
| | Comment Code | | | | | | |

Commer

FE: Fence

Inspector Comment



Fence within 10' of L/S toe.

| LM Start | 3.29 | Rating ** | С | Issue No. | | 12 | |
|----------|---------------|----------------|----------|------------|-------|--------------|---|
| LM End | 3.29 | Issue Type + | Ma | Location * | | LS | |
| Category | Earthen Levee | | | | titud | le/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Animal Co | ontrol | | 38.6526 | 70° | 38.652670 | 0 |
| item | | | | -121.4755 | 88° | -121.475588 | 0 |
| DWR ID | DWR_RD1 | 000_03_s _ 201 | 5_12 | | | | |
| | | Comn | nent Coc | le | | | |

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No evidence of rodent activity in Fall 2016.

| * Location | ** Rating | | + Issue Type |
|-------------------------------------|--------------------------|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiancy |
| WS: Water Side | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 4.78 | Rating ** | A/W | Issue No. | | 1 | |
|---------------------------------|--|---------------|------------|--------------|--------|--------------|--|
| LM End | 4.89 | Issue Type + | Ma | Location * | LS | | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | |
| Category | | | | Start | | End | |
| Item | Animal Co | ontrol | | 38.6729 | 13° | 38.673685° | |
| item | | | 64° | -121.483115° | | | |
| DWR ID DWR_RD1000_03_f _ 2013_1 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| A1 : Exterr | minate rod | ents and back | fill and o | compact or | grou | it burrows. | |
| | | Inspecto | or Comm | nent | | | |
| Several ba | Several bait traps line the levee toe, no sign of rodents. | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| LM Start | 4.78 | Rating ** | A/W | Issue No. | 1 (cont) |
|----------|------|--------------|-----|------------|----------|
| LM End | 4.89 | Issue Type + | Ma | Location * | LS |



This photo was taken from the levee crown looking down the landward slope at a squirrel poking its head out of a hole. Fall 2014.

Photo 2 of 2: FA_2016_RD1000_33_1_20160914_00020.jpg



Updated view taken facing the landside looking upstream at bait trap. Rodent holes have been filled and no new activity was observed. Several bait traps at landside levee toe. Fall 2016.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 5.96 | Rating ** | С | Issue No. | | 14 | |
|-------------|--------------|----------------|----------|--------------|---------------|--------------|--|
| LM End | 5.96 | Issue Type + | Ma | Location * | _ocation * LS | | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Trim / Thi | n Trees | | 38.6882 | 81° | 38.688281 ° | |
| пеш | | | | -121.4855 | 53° | -121.485553° | |
| DWR ID | DWR_RD1 | 000_03_f _ 201 | 5_14 | | | | |
| | | Comn | nent Cod | de | | | |
| T1 : Trim t | rees to at I | east five feet | above g | round level. | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

No Photos

| LM Start | 6.27 | Rating ** | М | Issue No. | | 8 | |
|------------|------------|----------------|----------|------------|--------|-------------|---|
| LM End | 6.36 | Issue Type + | En | Location * | | LS | |
| Category | Earthen L | evee | | GPS L | atitud | e/Longitude | |
| Category | | | | Start | | End | |
| Item | Encroach | ments | | 38.6928 | 47° | 38.694141 | 0 |
| пеш | | | | -121.4855 | 95° | -121.485596 | 0 |
| DWR ID | DWR_RD1 | 000_03_f _ 201 | 5_8 | | | | |
| | | Comn | nent Cod | de | | | |
| FE : Fence |) | | | | | | |
| | | | • | | | | |
| | | Inspecto | or Comm | nent | | | |
| Fence on I | andside le | vee slope. | | | | | |
| | | | | | | | |
| | | | | | | | |

Photo 1 of 1 : FA_2016_RD1000_33_8_20160914_00019.jpg



View of fence on landside levee slope, looking downstream.

| LM Start | 6.96 | Rating ** | М | Issue No. | | 2 | | |
|------------|-----------|----------------|----------|------------|--------|--------------|--|--|
| LM End | 6.96 | Issue Type + | En | Location * | | LS | | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | า | | 38.7028 | 01° | 38.702801 ° | | |
| itom | | | | -121.4856 | 52° | -121.485652° | | |
| DWR ID | DWR_RD1 | 000_03_f _ 201 | 5_2 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | | | | | | | | |
| | | Inspecto | or Comm | nent | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |



View of the landscaping at the landside levee toe.

| * Location | ** Rating | | + Issue Type |
|--|--|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 12.41 | Rating ** | М | Issue No. | | 10 | |
|----------------------------------|------------|--------------|------------|------------|--------|---------------|--|
| LM End | 12.46 | Issue Type + | En | Location * | | WS | |
| Category | Earthen L | evee | | GPS La | atitud | le/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Vegetatio | n | | 38.7790 | 37° | 38.779505° | |
| item | | | | -121.5003 | 97° | -121.500955 ° | |
| DWR ID DWR_RD1000_03_s _ 2012_10 | | | | | | | |
| | | Comn | nent Cod | le | | | |
| V6 : Lands | caping | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | ent | | | |
| This is hig | h ground a | nd the chann | el flows a | away, both | dired | ctions. | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



WS vegetation.

| LM Start | 12.42 | Rating ** | М | Issue No. | | 13 | | |
|--------------|--|----------------|----------|------------|-------|--------------|--|--|
| LIVI Start | 12.42 | rating | IVI | 13306 110. | | 13 | | |
| LM End | 12.42 | Issue Type + | En | Location * | | LS | | |
| Category | Earthen L | evee | | GPS La | titud | e/Longitude | | |
| Category | | | | Start | | End | | |
| Item | Vegetatio | n | | 38.7790 | 83° | 38.779083° | | |
| item | | | | -121.5003 | 92 ° | -121.500392° | | |
| DWR ID | DWR_RD1 | 000_03_s _ 201 | 2_13 | | | | | |
| | | Comn | nent Cod | de | | | | |
| V6 : Lands | caping | | | | | | | |
| | Inspector Comment | | | | | | | |
| This is high | This is high ground and the channel flows away, both directions. | | | | | | | |
| | | | | | | | | |



| LM Start | 14.01 | Rating ** | M | Issue No. | | 22 | |
|-------------|------------------------|----------------|----------|------------------------|-----|--------------|--|
| LM End | 14.70 | Issue Type + | En | Location * | | LS | |
| Category | Earthen L | evee | | GPS Latitude/Longitude | | | |
| Calegory | | | | Start | | End | |
| Item | Encroach | ments | | 38.7998 | 92° | 38.808969° | |
| Rom | | | | -121.5131 | 94° | -121.518536° | |
| DWR ID | DWR_RD1 | 000_03_f _ 201 | 6_22 | | | | |
| | | Comn | nent Cod | de | | | |
| DT : Ditch | | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| Ditch at to | Ditch at toe of slope. | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



View of landside ditch at toe of levee, looking downstream.

| * Location | ** Rating | | + Issue Type | |
|--|--|---|--|------|
| LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement | |
| CR . Clowii | 0 . Onacceptable | AVV . Acceptable but Morillor & Mairitain | EII. EIIIOICEIIIEIIL | |

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|--------------------------------|-------|------------|--------------------------|------------------|
| Unit No. 03 Natomas East Canal | Right | 16.93 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 15.25 | Rating ** | М | Issue No. | | 9 | |
|---------------------------------|-----------|--------------|----------|------------|--------|---------------|--|
| LM End | 15.79 | Issue Type + | En | Location * | | LS | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Encroachi | ments | | 38.8162 | 59° | 38.823314° | |
| пеш | | | | -121.5227 | 87° | -121.526942 ° | |
| DWR ID DWR_RD1000_03_s _ 2012_9 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| DT : Ditch | | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



LS Ag ditch at the LS toe.

| LM Start | 16.52 | Rating ** | Α | Issue No. | | 21 | |
|----------------------------------|----------------------|--------------|----------|---------------|--------|--------------|--|
| LM End | 16.52 | Issue Type + | Ма | Location * | | LS | |
| Category | Earthen L | evee | | GPS La | atitud | e/Longitude | |
| Calegory | | | | Start | | End | |
| Item | Emergency Supplies & | | | 38.8242 | 46° | 38.824246° | |
| пеш | Equipmer | nt | | -121.537720 ° | | -121.537720° | |
| DWR ID DWR_RD1000_03_f _ 2016_21 | | | | | | | |
| | | Comn | nent Cod | de | | | |
| | | | | | | | |
| | | | | | | | |
| | | Inspecto | or Comm | nent | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



View of stockpiled flood fight material on landside.

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles |
|---------------------------------|------|------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|-------------------------------------|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | Α | |
| Date of Inspection | 4/6/2016 - 4/6/2016 | | 9/13/2016 - 9/13/2016 | |
| DWR Inspector | Sterling York | | Sterling York | |
| Accompanied By | Don Caldwell RD1000 | | Don Caldwell RD1000 | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | M | Issue No. | | 15 | | | |
|----------|--------------|----------------|----------|-------------|------------------------|-----------|---|--|--|
| LM End | 0.00 | Issue Type + | En | Location * | | LS | | | |
| Category | Supplemental | | | | GPS Latitude/Longitude | | | | |
| Calegory | | | | Start | | End | | | |
| Item | DWR UCI | IP Field Study | | 38.8028 | 65 ° | 38.802865 | 0 | | |
| пеш | | -121.573460 ° | | -121.573460 | 0 | | | | |
| DWR ID | | | | | | | | | |
| | | Comn | nent Coc | le | | | | | |

Comment Code

Inspector Comment

FS_ID:46898 DS_ID:25400 EP_NO: 9779

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 1 of 5. [Natomas Mutual Water Company Northern Pumping Station]. 30-inch pipe through levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker in CM pipe riser on the landward shoulder. Discharges in concrete distribution box in irrigation ditch on the landward side. (Permit No. 9779-1974, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 16 | |
|----------|--------------|----------------|----|------------------------|-----|-------------|---|
| LM End | 0.00 | Issue Type + | En | Location * | LS | | |
| Category | Supplemental | | | GPS Latitude/Longitude | | | |
| Calegory | | | | | | End | |
| Item | DWR UCI | IP Field Study | | 38.8028 | 39° | 38.802839 | 0 |
| item | | | | -121.573505 ° | | -121.573505 | 0 |
| DWR ID | | | | | | | |
| | | _ | | | | | |

Comment Code

Inspector Comment

FS_ID:46899 DS_ID:25401 EP_NO: 5490

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 2 of 5. [Natomas Mutual Water Company Northern Pumping Station]. 42-inch pipe through the levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker on the landward side. Discharges into irrigation ditch on the landward side. (Permit No. 5490-1974, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009,

Sacramento Area Flood Control Agency)

FS Date: 12/10/2015

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | M | Issue No. | | 17 | | | |
|----------|--------------|----------------|----|------------------------|----|-------------|---|--|--|
| LM End | 0.00 | Issue Type + | En | Location * | LS | | | | |
| Category | | | | GPS Latitude/Longitude | | | | | |
| Calegory | | | | Start | | End | | | |
| Item | DWR UC | IP Field Study | | 38.802831 ° | | 38.802831 | 0 | | |
| пеш | | | | -121.573522° | | -121.573522 | 0 | | |
| DWR ID | | | | | | | | | |
| | Comment Code | | | | | | | | |

Inspector Comment

FS_ID:46900 DS_ID:25264 EP_NO: 15955

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 3 of 5. [Natomas Mutual Water Company Northern Pumping Station]. 30-inch pipe through the levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker on the landward side. Discharges into irrigation ditch on the landward side. (Permit No. 15955-1992, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009,

Sacramento Area Flood Control Agency)

FS Date: 12/10/2015

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 18 | | |
|----------|--------------|---------------|----|------------------------|-----|--------------|--|--|
| LM End | 0.00 | Issue Type + | En | Location * | | LS | | |
| Category | | | | GPS Latitude/Longitude | | | | |
| Calegory | | | | Start | | End | | |
| Item | DWR UCI | P Field Study | | 38.8028 | 16° | 38.802816 ° | | |
| пеш | | | | -121.573545° | | -121.573545° | | |
| DWR ID | | | | | | | | |
| | Comment Code | | | | | | | |

Inspector Comment

FS_ID:46901 DS_ID:25410 EP_NO: 15955

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 4 of 5. [Natomas Mutual Water Company Northern Pump Station]. 30-inch pipe through the levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker on the landward side. Discharges into irrigation ditch on the landward side. (Permit No. 15955-1992, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009,

Sacramento Area Flood Control Agency)

FS Date: 12/10/2015

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 19 | | |
|--------------|----------|---------------|----|------------|------------------------|-------------|---|--|
| LM End | 0.00 | Issue Type + | En | Location * | LS | | | |
| Category | Suppleme | upplemental | | | GPS Latitude/Longitude | | | |
| Calegory | | | | Start | | End | | |
| Item | DWR UCI | P Field Study | | 38.8028 | 08 ° | 38.802808 | 0 | |
| item | | | | -121.5735 | 61 ° | -121.573561 | 0 | |
| DWR ID | | | | | | | | |
| Comment Code | | | | | | | | |

No Photos

Inspector Comment

FS_ID:46902 DS_ID:25411 EP_NO: 5490

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 5 of 5. [Natomas Mutual Water Company Northern Pump Station]. 42-inch pipe through the levee, 16.4 feet below the crown. Pump located on steel platform in the channel. Siphon breaker on the landward side. Discharges into irrigation ditch on the landward side. (Permit No. 5490-1974, Natomas Central Mutual Water Company) Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009,

Sacramento Area Flood Control Agency)

FS Date: 12/10/2015

| LM Start | 0.00 | Rating ** | M | Issue No. | | 20 | |
|-----------------------|---------|----------------|-------|------------------------|-----|-------------|---|
| LM End | 0.00 | Issue Type + | En | Location * | | LS | |
| Category Supplemental | | | | GPS Latitude/Longitude | | | |
| Category | | | Start | | End | | |
| Item | DWR UCI | IP Field Study | | 38.7990 | 11° | 38.799011 | 0 |
| пеш | | | | -121.5798 | 20° | -121.579820 | 0 |
| DWR ID | | | | | | | |

No Photos

Inspector Comment

Comment Code

FS_ID:46903 DS_ID:25265 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 1 of 3. [RD1000 Pumping Plant] 48-inch pipes through the levee, 4.2 feet below the crown. Pump in pump house on the landward side. Siphon breaker on the waterward shoulder. Flap gate on one pipe, two pipes open on waterward end. Bank rock revetted. One CM cutoff wall. Pad over levee crown. Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency)

FS Date: 12/10/2015

* Location + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence N/A: Not Applicable LS: Land Side A: Acceptable N : Not Inspected/Rated WS: Water Side Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 21 |
|----------|---------|---------------|------------------------|------------|--------------|------------|
| LM End | 0.00 | Issue Type + | En | Location * | | LS |
| Category | | | GPS Latitude/Longitude | | | |
| Category | | | | Start | | End |
| Item | DWR UCI | P Field Study | | 38.7989 | 93° | 38.798993° |
| item | | | -121.579847 ° | | -121.579847° | |
| DWR ID | | | | | | · |

No Photos

Inspector Comment

Comment Code

FS_ID:46904 DS_ID:25412 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 2 of 3. [RD1000 Pumping Plant] 48-inch pipes through the levee, 4.2 feet below the crown. Pump in pump house on the landward side. Siphon breaker on the waterward shoulder. Flap gate on one pipe, two pipes open on waterward end. Bank rock revetted. One CM cutoff wall. Pad over levee crown. Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency)

FS Date: 12/10/2015

| LM Start | 0.00 | Rating ** | М | Issue No. | | 22 | |
|----------|---------|---------------|----|------------------------|------|---------------|--|
| LM End | 0.00 | Issue Type + | En | Location * | | LS | |
| Category | | | | GPS Latitude/Longitude | | | |
| Category | | Start | | End | | | |
| Item | DWR UCI | P Field Study | | 38.7989 | 76° | 38.798976° | |
| пеш | | | | -121.5798 | 71 ° | -121.579871 ° | |
| DWR ID | | | | | | | |

No Photos

Inspector Comment

Comment Code

FS_ID:46905 DS_ID:25413 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 3 of 3. [RD1000 Pumping Plant] 48-inch pipes through the levee, 4.2 feet below the crown. Pump in pump house on the landward side. Siphon breaker on the waterward shoulder. Flap gate on one pipe, two pipes open on waterward end. Bank rock revetted. One CM cutoff wall. Pad over levee crown. Pipe remains in levee as per C3980 Vol 3A NCC Phase 2 Record Set for Natomas Levee Improvement Program/Natomas Post-Authorization. (Permit No. 18159-2-2009, Sacramento Area Flood Control Agency) FS Date: 12/10/2015

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | 23 | | | |
|----------|-----------------------|----------------------|----|------------------------|----|---------------|--|--|
| LM End | 0.00 | Issue Type + | En | Location * | LS | | | |
| Catagory | Category Supplemental | | | GPS Latitude/Longitude | | | | |
| Calegory | Category | | | | | End | | |
| Item | DWR UCI | DWR UCIP Field Study | | | 8° | 38.792558 ° | | |
| пеш | | | | -121.59073 | 9° | -121.590739 ° | | |
| DWR ID | | | | | | | | |
| | Comment Code | | | | | | | |

No Photos

Inspector Comment

FS_ID:46909 DS_ID:25267 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 1 of 3. [Natomas Mutual Water Company Bennett Pumping Plant] 36-inch pipe through the levee, 6 feet below the crown. Siphon breaker on the landward shoulder. Vertical pump

mounted on the bank. FS Date: 12/10/2015

| LM Start | 0.00 | Rating ** | M | Issue No. | | 24 | |
|----------|---------|---------------|-----|------------------------|-----|------------|--|
| LM End | 0.00 | Issue Type + | En | Location * | | LS | |
| Category | | | | GPS Latitude/Longitude | | | |
| Calegory | | | | Start | | End | |
| Item | DWR UCI | P Field Study | | 38.7925 | 36° | 38.792536° | |
| item | | -121.5907 | 79° | -121.590779° | | | |
| DWR ID | | | | | | | |

No Photos

Inspector Comment

Comment Code

FS_ID:46910 DS_ID:25266 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: 2 of 3. [Natomas Mutual Water Company Bennett Pumping Plant] 42-inch pipe through the levee, 18 feet below the crown. Two pumps on steel piling on the bank. Slide gate in concrete well on the waterward side. Discharges into cobble-grouted ditch on the landward berm.

FS Date: 12/10/2015

+ Issue Type

A/W : Acceptable but Monitor & Maintain

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.00 | Rating ** | М | Issue No. | | 25 | |
|----------|----------|---------------------|----------|------------------------|------------|-------------|---|
| LM End | 0.00 | Issue Type + | En | Location * | LS | | |
| Category | Suppleme | ental | | GPS Latitude/Longitude | | | |
| Calegory | | | Start | | End | | |
| Item | DWR UCI | WR UCIP Field Study | | | 38.792516° | | 0 |
| item | | | | -121.5908 | 05 ° | -121.590805 | 0 |
| DWR ID | | | | | | | |
| | | Comn | nent Coo | de | | | |

No Photos

Inspector Comment

FS_ID:46911 DS_ID:25414 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found UCIP Comments:

FIELD_STRUCT_DESC: 3 of 3. [Natomas Mutual Water Company Bennett Pumping Plant] 36-inch pipe through the levee, 6 feet below the crown. Siphon breaker on the landward shoulder. Vertical pump

mounted on the bank. FS Date: 12/10/2015

| LM Start | 0.00 | Rating ** | M | Issue No. | | 26 | |
|----------|----------------------|--------------|-------|------------------------|------|--------------|--|
| LM End | 0.00 | Issue Type + | En | Location * | | LS | |
| Category | | | | GPS Latitude/Longitude | | | |
| Category | | | Start | | End | | |
| Item | DWR UCIP Field Study | | | 38.7815 | 97° | 38.781597° | |
| пеш | | | | -121.6033 | 82 ° | -121.603382° | |
| DWR ID | | | | | | | |

No Photos

Inspector Comment

Comment Code

FS_ID:46912 DS_ID:25261 EP_NO: 16273

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments:

FIELD_STRUCT_DESC: [Odysseus Farms] 18-inch pipe through the levee 1.9 feet below the crown. Pump on the waterward bank. Service pole and switch box on the waterward slope. 36-inch concrete standpipe on landward side. Pipe replaced in Nov 1994. (Permit No. 16273-1994, Natomas Mutual Water Co.)

FS Date: 12/10/2015

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 1000 Natomas

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|---------------------------------|------|------------|--------------------------|------------------|
| Unit No. 04 Natomas Cross Canal | Left | 4.30 | 09/13/2016 09/13/2016 | Sterling York |

| LM Start | 0.02 | Rating ** | Α | Issue No. | | 14 | | |
|----------------------------|---------------------------|---------------|-----------|------------------------|-------|--------------|--|--|
| LM End | 4.22 | Issue Type + | Ma | Location * | | WS | | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | | | |
| | | | Start | | End | | | |
| Item | Vegetation | | | 38.820499° | | 38.781722° | | |
| | | | | -121.544011 ° | | -121.603334° | | |
| DWR ID | DWR_RD1000_04_f _ 2016_14 | | | | | | | |
| Comment Code | | | | | | | | |
| V1 : Contro easements | | grass and wee | eds on th | e levee slo | pes a | and | | |
| Inspector Comment | | | | | | | | |
| Annual grasses maintained. | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Photo 1 of 1: FA_2016_RD1000_34_14_20160915_00001.jpg



View looking upstream waterside of mowed vegetation.

| LM Start | 0.02 | Rating ** | Α | Issue No. | | 13 | | |
|--|---------------------------|--------------|-----------|------------------------|--------------|-------------|--|--|
| LM End | 4.22 | Issue Type + | Ma | Location * | | LS | | |
| Category | Earthen Levee | | | GPS Latitude/Longitude | | | | |
| | | | Start | | End | | | |
| Item | Vegetation | | | 38.8204 | .99° | 38.781721 ° | | |
| | | | -121.5440 | 111° | -121.603334° | | | |
| DWR ID | DWR_RD1000_04_f _ 2016_13 | | | | | | | |
| Comment Code | | | | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | | | | |
| Inspector Comment | | | | | | | | |
| Annual grasses maintained. | | | | | | | | |



View looking upstream landside of maintained vegetation.